

=> d his

(FILE 'HOME' ENTERED AT 10:48:29 ON 07 OCT 2008)

FILE 'REGISTRY' ENTERED AT 10:48:44 ON 07 OCT 2008

L1 STRUCTURE UPLOADED
L2 13 S L1
L3 875 S L1 FULL

=> d que l3 stat

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L3 875 SEA FILE=REGISTRY SSS FUL L1

100.0% PROCESSED 157665 ITERATIONS

875 ANSWERS

SEARCH TIME: 00.00.04

=> s l3 and ed<06/09/2004

66718865 ED<06/09/2004

(ED<20040609)

L4 537 L3 AND ED<06/09/2004

=> s l3 and ref.capplus<=6

58154681 REF.CAPLUS<=6

L5 587 L3 AND REF.CAPLUS<=6

=> s l3 not l5

L6 288 L3 NOT L5

=> s l16 and ed<06/09/2004

4 LL6

66718865 ED<06/09/2004

(ED<20040609)

L7 2 LL6 AND ED<06/09/2004

=> d l-2 ide can

LJ ANCHOR 1 OF 2 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 06003-41-Q REGISTRY
 ID Retired STN: Q3 Nov 2006
 CN RNA (Larsola lateralis haplotype L16 strain L26 country South Korea/Goleok-yeon, Murye-m, Chollabok province mitochondrial cytochrome oxidase subunit 1 gene (MT fragment) (NCI) (CA INDEX NAME)
 OTHER NAMES:
 CN RNA (Larsola lateralis haplotype L16 strain L26 country South Korea/Goleok-yeon, Murye-m, Chollabok province mitochondrial cytochrome oxidase subunit 1 gene (MT fragment)
 CN Goleok AC007007
 PS NUCLEIC ACID SEQUENCE
 MF Unspecified
 CI MAN
 CA Goleok
 LC STN Files: CA, CAPLIS, GONMANK
 *** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** DES 1607 OR 1616 FORMAT TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1960 TO DATE)
 1 REFERENCES IN FILE CAPLIS (1960 TO DATE)
 REFERENCE 1 136-133864

LJ ANCHOR 2 OF 2 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 06003-51-S REGISTRY
 ID Retired STN: 25 Dec 1996
 CN RNA (Human immunodeficiency virus 1 strain L16 gene env fragment) (NCI) (CA INDEX NAME)
 OTHER NAMES:
 CN Goleok 060647
 PS NUCLEIC ACID SEQUENCE
 MF Unspecified
 CI MAN
 CA Goleok
 LC STN Files: CA, CAPLIS, GONMANK
 *** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** DES 1607 OR 1616 FORMAT TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1960 TO DATE)
 1 REFERENCES IN FILE CAPLIS (1960 TO DATE)
 REFERENCE 1 138-20045

=> del 17
DELETE L7? (Y)/N:y

=> s 16 and ed<06/09/2004
66718865 ED<06/09/2004
(ED<20040609)

L7 115 L6 AND ED<06/09/2004

=> d 1-115 ide can

LJ ANWER 1 OF 115 REGISTRY COPYRIGHT 2009 ACS on STN
 BN 00060746-5 REG12707
 SD Entered STN: 09 Jun 2004
 CN Benzenequinonide, N'-(4-bromo-1-naphthalenyl)- (CA INDEX NAME)
 MF C19 H10 Br N O
 LR Chemical Library
 Supplier: ChemBridge Corporation
 LC STN Files: CHEMCATS



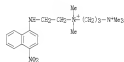
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 2 OF 115 REGISTRY COPYRIGHT 2009 ACS on STN
 BN 00060746-5 REG12707
 SD Entered STN: 09 Jun 2004
 CN Benzenequinonide, N'-(4-nitro-1-naphthalenyl)-2,5-bis(trifluoromethyl)- (CA INDEX NAME)
 MF C19 H10 F6 N2 O2
 LR Chemical Library
 Supplier: ChemBridge Corporation
 LC STN Files: CHEMCATS

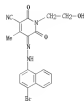


***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 3 OF 115 REGISTRY COPYRIGHT 2009 ACS on STN
 BN 00070109-0 REG12707
 SD Entered STN: 27 May 2004
 CN 1,3-Propanediaminophen, N,N,N',N'-pentamethyl-90-[2-[(4-nitro-1-naphthalenyl)amino]ethyl]- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1,3-Propanediaminophen, N,N,N',N'-pentamethyl-N'-[2-[(4-nitro-1-naphthalenyl)amino]ethyl]- (CA I)
 MF C20 H30 N4 O2
 CL ONM
 SR CA



LJ ANWER 4 OF 115 REGISTRY COPYRIGHT 2009 ACS on STN
 BN 077719-00-9 REG12707
 SD Entered STN: 20 Apr 2004
 CN 3-Pyridinecarboxitrile, E-[2-[(4-bromo-1-naphthalenyl)hydrazinylidene]-1,2,4,6-tetrahydro-1,2-dihydroxyethyl]-4-methyl-2,6-dioxo- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 3-Pyridinecarboxitrile, E-[2-[(4-bromo-1-naphthalenyl)hydrazono]-1,2,4,6-tetrahydro-1,2-dihydroxyethyl]-4-methyl-2,6-dioxo- (S I)
 MF C19 H15 Br N4 O2
 SR Chemical Library
 Supplier: Ambinter
 LC STN Files: CHEMCATS



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 6 OF 115 REGISTRY COPYRIGHT 2009 ACS on STN
 BN 000006-00-1 REGISTRY
 SD Entered STN: 05 Apr 2004
 CN Acetamide, N-[[4-bromo-2-naphthalenyl]amino]thioxomethyl]-2-[4-(1-methyl-1-phenylphenyl)- (CA INDEX NAME)
 MF C22 H21 Br N2 O2 S
 SN Chemical Library
 Supplier Scientific Exchange, Inc.
 LC STN Files: CHEMCATS

PAGE 1-A

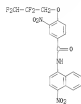


PAGE 2-A



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 7 OF 115 REGISTRY COPYRIGHT 2009 ACS on STN
 BN 000000-00-0 REGISTRY
 SD Entered STN: 30 Dec 2000
 CN Benzamide, 3-nitro-N-[[4-methyl-1-naphthalenyl]amino]thioxomethyl]-4-(2,2,3,3-tetrafluoropropyl)- (CA INDEX NAME)
 MF C20 H15 F4 N2 O2 S
 SN Chemical Library
 Supplier Amster
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 8 OF 115 REGISTRY COPYRIGHT 2009 ACS on STN
 BN 000715-00-0 REGISTRY
 SD Entered STN: 23 Mar 2004
 CN Benzamide, 3-bromo-N-[[4-bromo-1-naphthalenyl]- (CA INDEX NAME)
 MF C17 H11 Br2 N2 O
 SN Chemical Library
 Supplier Alfa Consulting and Solutions GmbH
 LC STN Files: CHEMCATS



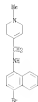
PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 9 OF 115 REGISTRY COPYRIGHT 2009 ACS on STN
 BN 000720-01-0 REGISTRY
 SD Entered STN: 24 Sep 2000
 CN Benzamide, N-[[4-bromo-1-naphthalenyl]amino]thioxomethyl]-2-methoxy-5-methyl- (CA INDEX NAME)
 MF C20 H17 Br N2 O2 S
 SN Chemical Library
 Supplier Alfa Consulting and Solutions GmbH
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ NUMBER 9 OF 115 REGISTRY COPYRIGHT 2009 ACS on STN
 BN 074506-06-2 REGISTRY
 SD Entered STN: 29 Aug 2000
 CN 6-Pyridinethionamide, N-(4-bromo-1-naphthalenyl)-1,2,3,6-tetrahydro-1-methyl-, (CA INDEX NAME)
 MF C17 H19 Br N2
 SX Chemical Library
 Supplier: AlfaAa



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ NUMBER 10 OF 115 REGISTRY COPYRIGHT 2009 ACS on STN
 BN 001904-16-3 REGISTRY
 SD Entered STN: 08 Apr 2000
 CN 3-Pyridinacetic acid, 4-[[4-bromo-1-naphthalenyl]amino]acetyl-, (CA INDEX NAME)
 MF C17 H11 Br N3 O2
 SX Chemical Library



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ NUMBER 11 OF 115 REGISTRY COPYRIGHT 2009 ACS on STN
 BN 000160-14-9 REGISTRY
 SD Entered STN: 07 Apr 2000
 CN 2-Pyridinacetic acid, 2-[[4-chloro-1-naphthalenyl]amino]acetyl-, (CA INDEX NAME)
 MF C17 H11 Cl N3 O2
 SX Chemical Library



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ NUMBER 12 OF 115 REGISTRY COPYRIGHT 2009 ACS on STN
 BN 000992-00-0 REGISTRY
 SD Entered STN: 28 Mar 2000
 CN 1P-Indanol-2-one, 4-P-ethyl-6-N-(4-iodo-1-naphthalenyl)- (CA INDEX NAME)
 OTHER NAMES:
 CN NCC 107700
 MF C19 H15 I N2 O
 CI OM
 SX Chemical Library



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 13 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 00064-21-2 REGISTRY
 SD Entered STN: 20 Mar 2000
 CN 2-Naphthalenecarboxamide, N-(4-bromo-1-naphthalenyl)-1-hydroxy- (CA INDEX NAME)
 OTHER NAMES
 CX AC 680169
 MF C21 H14 Br N O2
 SX Chemical Library



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 14 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 478032-80-0 REGISTRY
 SD Entered STN: 02 Jan 2000
 CN 2-Pyridinecarboxylic acid, 3-chloro-=[[(4-chloro-1-naphthylenyl)amino]methylene]-6-(trifluoromethyl)-, methyl ester (CA INDEX NAME)
 MF C19 H12 Cl2 F3 N2 O2
 SX Chemical Library
 Supplier: Bionet Research Ltd.
 LC STN File: CHIMCATS



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 15 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 029122-60-4 REGISTRY
 SD Entered STN: 17 Jul 2000
 CN 4-Pyridinemethanone, N-(4-bromo-1-naphthalenyl)- (CA INDEX NAME)
 MF C14 H12 Br N2
 SX Chemical Library
 Supplier: Ambinter



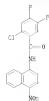
PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 16 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 424040-26-9 REGISTRY
 SD Entered STN: 27 Jun 2000
 CN Benzenesulfonylurea, N-(4-nitro-1-naphthalenyl)- (CA INDEX NAME)
 MF C19 H10 N2 O4
 SX Chemical Library
 Supplier: ChemBridge Corporation
 LC STN File: CHIMCATS



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 17 0F 115 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 433449-06-2 REGISTRY
 SD Entered STN: 25 Jun 2002
 CN Benzamide, 2-chloro-4,5-difluoro-N-[(4-nitro-1-naphthalenyl)]- (CA INDEX NAME)
 MF Cl7 H9 Cl F2 N2 O2
 SA Chemical Library
 LC STN Files: CHEMCATS



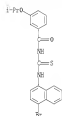
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 16 0F 115 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 433704-54-0 REGISTRY
 SD Entered STN: 26 Jun 2002
 CN Benzamide, N-[(4-bromo-1-naphthalenyl)amino]thioxomethyl]-3-methyl- (CA INDEX NAME)
 MF C16 H17 Br N2 O S
 SA Chemical Library
 LC STN Files: CHEMCATS



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 19 0F 115 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 433509-06-4 REGISTRY
 SD Entered STN: 25 Jun 2002
 CN Benzamide, N-[[4-chloro-1-naphthalenyl]amino]thioxomethyl]-3-[(1-pyridylethoxy)]- (CA INDEX NAME)
 MF C21 H19 Br N2 O S
 SA Chemical Library
 LC STN Files: CHEMCATS



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 20 0F 115 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 439648-00-8 REGISTRY
 SD Entered STN: 23 Jun 2002
 CN Benzamide, N-[[4-bromo-1-naphthalenyl]amino]thioxomethyl]-4-chloro- (CA INDEX NAME)
 MF C16 H12 Br Cl N2 O S
 SA Chemical Library
 LC STN Files: CHEMCATS



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 21 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 428445-11-4 REGISTRY
 ED Entered STN: 12 Jan 2002
 CN 2-Thiophenecarboxamide, N-[[[4-bromo-1-naphthalenyl]amino]thiomethyl]-
 (CA INDEX NAME)
 MF C14 H11 Br N1 O S2
 SK Chemical Library
 LC Supplier: ChemBridge Corporation
 STN Files: CHEMCATS



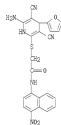
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 22 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 432685-46-3 REGISTRY
 ED Entered STN: 12 May 2002
 CN 1-Naphthalenamine, 4-nitro-N-[2,3,5,6-tetrafluoro-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)
 MF C17 H7 F7 N2 O2
 SK Chemical Library
 LC Supplier: ChemBridge Corporation



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 23 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 402904-06-2 REGISTRY
 ED Entered STN: 27 Mar 2002
 CN Methanone, 2-[[[2-amino-3,6-dicyano-4-((4-oxo-1,4-dihydro-2-
 pyridinyl)thio)-N-(4-nitro-1-naphthalenyl)- (CA INDEX NAME)
 MF C20 H14 N6 O4 S
 SK Chemical Library
 LC Supplier: Amster



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 24 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 401810-69-0 REGISTRY
 ED Entered STN: 10 Mar 2002
 CN 3-Bromo-N-[(4-bromo-1-naphthalenyl)-N'-[[[tetrahydro-1-(1-naphthalenyl)-5,4,6-
 trioxo-1,2,40-pyrimidin-2-ylidene]methyl]- (CA INDEX NAME)
 MF C26 H17 Br N4 O3
 SK Chemical Library
 LC Supplier: Labotest
 STN Files: CHEMCATS



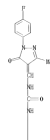
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 15 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 400425-11-2 REGISTRY
 SD Entered STN: 19 Mar 2002
 CN 5,4,6-(1H,3H,5H)-Pyrazinotriazine, 5-[[[(4-bromo-1-naphthalenyl)amino]methyl]ene]- (CA INDEX NAME)
 MF C20 H16 Br N4 O2
 SK Chemical Library
 Supplier LaboTest
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

LJ ANWER 16 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 400425-17-4 REGISTRY
 SD Entered STN: 19 Mar 2002
 CN Urea, N-[(4-bromo-1-naphthalenyl)-N'-[[1-(4-fluorophenyl)-1,5-dihydro-5-methyl-6-oxo-4H-pyrazol-4-yl]methyl]- (CA INDEX NAME)
 MF C22 H16 Br F N6 O2
 SK Chemical Library
 Supplier LaboTest
 LC STN Files: CHEMCATS



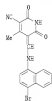
PAGE 1-A



PAGE 2-A

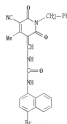
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

LJ ANWER 17 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 400424-00-0 REGISTRY
 SD Entered STN: 19 Mar 2002
 CN 5-Pyridinesulfonylurea, N'-[[[(4-bromo-1-naphthalenyl)amino]methyl]ene]-1,1,5,6-tetrahydro-4-methyl-2,6-dioxo- (CA INDEX NAME)
 MF C20 H16 Br N4 O2
 SK Chemical Library
 Supplier LaboTest
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

LJ ANWER 18 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 400421-96-2 REGISTRY
 SD Entered STN: 19 Mar 2002
 CN Urea, N-[(4-bromo-1-naphthalenyl)-N'-[[6-cyano-1,6-dihydro-4-methyl-2,6-dioxo-1-(benzylmethyl)-3(2H)-pyridinylidene]methyl]- (CA INDEX NAME)
 MF C26 H18 Br N6 O2
 SK Chemical Library
 Supplier LaboTest
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

LJ ANWER 59 0F 115 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 282701-78-9 REGISTRY
 SD Entered STN: 15 Feb 2002
 CN 5,4-Pyridinediamine, N-[(4-bromo-1-naphthalenyl)-M-[(2-methoxyphenyl)-6-methyl-pyrimidin-2-yl]- (CA INDEX NAME)
 MF C22 H20 Br N2 O2
 SR Chemical Library
 LC STN Files: CHEMCATS



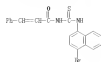
PROPERTY DATA AVAILABLE IN THE 'FIRM' FORMAT

LJ ANWER 51 0F 115 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 284611-87-6 REGISTRY
 SD Entered STN: 20 Jan 2002
 CN 4-Pyridineamine, 5,3,6,6-tetrafluoro-N-(4-methoxy-1-naphthalenyl)- (CA INDEX NAME)
 MF C18 H7 F4 N2 O2
 SR Chemical Library
 LC STN Files: CHEMCATS



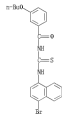
PROPERTY DATA AVAILABLE IN THE 'FIRM' FORMAT

LJ ANWER 30 0F 115 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 285277-34-4 REGISTRY
 SD Entered STN: 22 Jan 2002
 CN 2-Propanamide, N-[(4-bromo-1-naphthalenyl)amino]thioacetamidyl-3-phenyl- (CA INDEX NAME)
 MF C20 H15 Br N2 O S
 SR Chemical Library
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'FIRM' FORMAT

LJ ANWER 52 0F 115 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 285067-70-8 REGISTRY
 SD Entered STN: 08 Jan 2002
 CN Benzamide, N-[(4-bromo-1-naphthalenyl)amino]thioacetamidyl-3-butoxy- (CA INDEX NAME)
 MF C22 H21 Br N2 O2 S
 SR Chemical Library
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'FIRM' FORMAT

LJ ANWER 33 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 262499-95-2 REGISTRY
 SD Entered STN: 15 Oct 2000
 CN 2-Benzoxas[1,2-a]pyridine-4-ylidene, w-[[(4-bromo-1-naphthalenyl)amino]methylene]- (CA INDEX NAME)
 MF C20 H12 Br Cl N2 O3
 SA Chemical Library
 SR Supplier: LaboTest
 LC STN Files: CHEMCATS



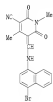
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 34 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 262500-27-4 REGISTRY
 SD Entered STN: 16 Oct 2000
 CN 2-Benzoxas[1,2-a]pyridine-4-ylidene, w-[[(4-bromo-1-naphthalenyl)amino]methylene]- (CA INDEX NAME)
 MF C20 H12 Br N2 O3
 SA Chemical Library
 SR Supplier: LaboTest
 LC STN Files: CHEMCATS



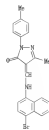
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 35 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 262499-90-2 REGISTRY
 SD Entered STN: 16 Oct 2000
 CN 2-Pyridineacetic acid, w-[[(4-bromo-1-naphthalenyl)amino]methylene]-, 1,1,1,6,6-pentafluoro-1,4-dimethyl-2,6-dioxo- (CA INDEX NAME)
 MF C20 H14 Br F5 N2 O3
 SA Chemical Library
 SR Supplier: LaboTest
 LC STN Files: CHEMCATS



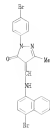
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 36 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 264996-44-4 REGISTRY
 SD Entered STN: 06 Sep 2000
 CN 2-Pyridine-3-one, w-[[(4-bromo-1-naphthalenyl)amino]methylene]-2,4-dihydro-8-methyl-2-(4-methylphenyl)- (CA INDEX NAME)
 MF C22 H18 Br N2 O2
 SA Chemical Library
 SR Supplier: Interchim
 LC STN Files: CHEMCATS



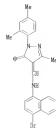
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 37 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 352493-45-9 REGISTRY
 SD Entered STN 27 Aug 2000
 CN 3H-Pyrazol-5-one, 4-[[[(4-bromo-1-naphthalenyl)amino]methyl]enyl]-2-(4-bromophenyl)-2,4-dihydro-6-methyl- (CA INDEX NAME)
 MF C14 H15 Br2 N3 O
 SR Chemical Library
 Supplier Interchim
 LC STN Files: CHEMCATS



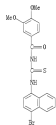
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 38 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 352492-52-3 REGISTRY
 SD Entered STN 27 Aug 2000
 CN 3H-Pyrazol-5-one, 4-[[[(4-bromo-1-naphthalenyl)amino]methyl]enyl]-2-(2,4-dimethylphenyl)-2,4-dihydro-6-methyl- (CA INDEX NAME)
 MF C20 H20 Br N3 O
 SR Chemical Library
 Supplier Interchim
 LC STN Files: CHEMCATS



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 39 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 347340-34-8 REGISTRY
 SD Entered STN 27 Jul 2001
 CN Benzamide, N-[[[4-bromo-1-naphthalenyl]amino]thioxomethyl]-2,4-dimethoxy- (CA INDEX NAME)
 MF C20 H17 Br N2 O3 S
 SR Chemical Library
 Supplier InterbioScreen Ltd.
 LC STN Files: CHEMCATS



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 40 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 346641-12-3 REGISTRY
 SD Entered STN 28 Jul 2001
 CN Benzamide, N-[[[4-fluoro-1-naphthalenyl]-2-methoxy- (CA INDEX NAME)
 MF C20 H14 F N2 O3
 SR Chemical Library
 Supplier Scientific Exchanges, Inc.
 LC STN Files: CHEMCATS



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 43 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 045814-36-8 REGISTRY
 ED Entered STN: 12 Jul 2000
 CN 3,4,4,5,5H-Pyridinedione, 6-(4-chloro-1-naphthalenyl)amino]- (CA INDEX NAMES)
 MF C14 H10 F N2 O2
 SN Chemical Library
 MF Supplier: ChemStar, Ltd
 LC STN Files: CCRB/CATS



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 42 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 045099-46-2 REGISTRY
 ED Entered STN: 12 Jul 2000
 CN 2-Naphthalenecarbaldehyde, 2-(4-chloro-1-naphthalenyl)hydrazono- (CA INDEX NAMES)
 MF C20 H10 Cl N2
 SN Reaction Database
 LC STN Files: CCRB/CATS



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 45 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 045099-40-6 REGISTRY
 ED Entered STN: 10 Jul 2000
 CN Benzaldehyde, 2-(4-chloro-1-naphthalenyl)hydrazono- (CA INDEX NAMES)
 MF C20 H12 Cl N2
 SN Reaction Database
 LC STN Files: CCRB/CATS



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 44 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 045842-37-8 REGISTRY
 ED Entered STN: 28 Jun 2000
 CN 2,2-Dicyclopent-3-carboxanide, N-(4-bromo-1-naphthalenyl)-2-oxo- (CA INDEX NAMES)
 MF C20 H12 Br N O2
 SN Reaction Database
 LC STN Files: CCRB/CATS



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 45 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN

BN 237314-96-2 REGISTRY

ED Entered SIN: 22 May 2000

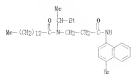
CN Tetradecanamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-3-oxopropyl]-N-(1-

methylethynyl)- (CA INDEX NAME)

MF C21 H27 Br N3 O2

SK Chemical Library

Supplier: Comchem International Inc.



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 46 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN

BN 237314-96-2 REGISTRY

ED Entered SIN: 22 May 2000

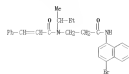
CN 2-Propanamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-3-oxopropyl]-N-(1-

methylethynyl)-2-phenyl- (CA INDEX NAME)

MF C26 H27 Br N3 O2

SK Chemical Library

Supplier: Comchem International Inc.



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 47 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN

BN 237314-96-8 REGISTRY

ED Entered SIN: 22 May 2000

CN Propanamide, N-[4-bromo-1-naphthalenyl]-3-[(1-methylethynyl)2-

phenylethynyl]acetyl]amino]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

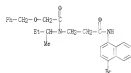
CN Propanamide, N-[4-bromo-1-naphthalenyl]-3-[(1-

methylethynyl)(phenylethynyl)acetyl]amino]- (ACD)

MF C26 H25 Br N3 O2

SK Chemical Library

Supplier: Comchem International Inc.



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 48 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN

BN 237314-90-7 REGISTRY

ED Entered SIN: 22 May 2000

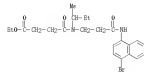
CN Benzoic acid, 4-[(2-[(4-bromo-1-naphthalenyl)amino]-3-oxopropyl)1-

methylethynyl]amino]-6-oxo-, ethyl ester (CA INDEX NAME)

MF C29 H25 Br N3 O4

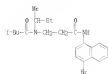
SK Chemical Library

Supplier: Comchem International Inc.



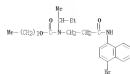
PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 69 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237214-90-6 REGISTRY
 ED Entered STM: 22 May 2000
 CN Betsanamide, N-[2-[4-bromo-1-naphthalenyl]amino]-3-oxopropyl]-3-methyl-N-(1-methylintropyl)- (CA INDEX NAME)
 MF C29 H39 Br N3 O2
 SX Chemical Library
 Supplier: Comdex International Inc.



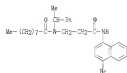
PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 50 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237214-89-3 REGISTRY
 ED Entered STM: 22 May 2000
 CN Betsanamide, N-[2-[4-bromo-1-naphthalenyl]amino]-3-oxopropyl]-N-(1-methylintropyl)- (CA INDEX NAME)
 MF C29 H35 Br N3 O2
 SX Chemical Library
 Supplier: Comdex International Inc.



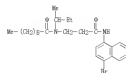
PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 61 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237214-88-2 REGISTRY
 ED Entered STM: 22 May 2000
 CN Betsanamide, N-[2-[4-bromo-1-naphthalenyl]amino]-3-oxopropyl]-N-(1-methylintropyl)- (CA INDEX NAME)
 MF C29 H39 Br N3 O2
 SX Chemical Library
 Supplier: Comdex International Inc.



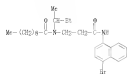
PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 52 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237214-87-3 REGISTRY
 ED Entered STM: 22 May 2000
 CN Betsanamide, N-[2-[4-bromo-1-naphthalenyl]amino]-3-oxopropyl]-N-(1-methylintropyl)- (CA INDEX NAME)
 MF C29 H35 Br N3 O2
 SX Chemical Library
 Supplier: Comdex International Inc.



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

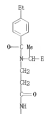
LJ ANWER 63 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237314-86-Q REGISTRY
 ED Entered STM: 22 May 2000
 CN Benzamide, N-[2-[(4-tert-butyl-1-naphthalenyl)amino]-3-propenyl]-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C27 H39 Br N3 O2
 SX Chemical Library
 Supplier: Comdex International Inc.



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 54 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237314-85-Q REGISTRY
 ED Entered STM: 22 May 2000
 CN Benzamide, N-[2-[(4-tert-butyl-1-naphthalenyl)amino]-3-propenyl]-4-ethyl-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C28 H39 Br N3 O2
 SX Chemical Library
 Supplier: Comdex International Inc.

PAGE 1-A

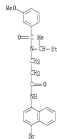


PAGE 2-A



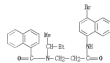
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 63 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237314-86-B REGISTRY
 ED Entered STM: 22 May 2000
 CN Benzamide, N-[2-[(4-tert-butyl-1-naphthalenyl)amino]-3-propenyl]-3-methoxy-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C28 H37 Br N3 O3
 SX Chemical Library
 Supplier: Comdex International Inc.



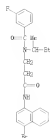
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 64 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237314-85-T REGISTRY
 ED Entered STM: 22 May 2000
 CN 1-Naphthylisopropionamide, N-[2-[(4-tert-butyl-1-naphthalenyl)amino]-3-propenyl]-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C28 H37 Br N3 O2
 SX Chemical Library
 Supplier: Comdex International Inc.



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 57 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 RN 237314-85-6 REGISTRY
 SD Entered STM: 22 May 2000
 CN Benzamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-2-oxopropyl]-2-fluoro-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C14 H16 Br F N2 O2
 SX Chemical Library
 Supplier: Comchem International Inc.



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 58 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 RN 237314-81-2 REGISTRY
 SD Entered STM: 22 May 2000
 CN Benzamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-2-oxopropyl]-2-fluoro-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C14 H16 Br F N2 O2
 SX Chemical Library
 Supplier: Comchem International Inc.



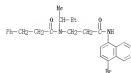
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 59 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 RN 237314-79-2 REGISTRY
 SD Entered STM: 22 May 2000
 CN Benzamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-2-oxopropyl]-4-methoxy-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C16 H18 Br N2 O3
 SX Chemical Library
 Supplier: Comchem International Inc.



PAGE 1-A

LJ ANWER 60 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 RN 237314-79-0 REGISTRY
 SD Entered STM: 22 May 2000
 CN Benzamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-2-oxopropyl]-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C14 H16 Br N2 O2
 SX Chemical Library
 Supplier: Comchem International Inc.



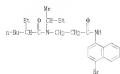
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**



PAGE 2-A

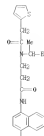
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 63 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237314-76-6 REGISTRY
 ED Entered STM 22 May 2000
 CN Hexanamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-3-oxopropyl]-2-ethyl-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C26 H35 Br N3 O2
 SX Chemical Library
 Supplier: Comex International Inc.



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 62 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237314-75-2 REGISTRY
 ED Entered STM 22 May 2000
 CN 2-Pyridylacetamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-3-oxopropyl]-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C26 H25 Br N3 O2
 SX Chemical Library
 Supplier: Comex International Inc.



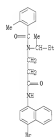
PAGE 1-A



PAGE 2-A

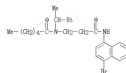
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 64 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237314-76-6 REGISTRY
 ED Entered STM 22 May 2000
 CN Hexanamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-3-oxopropyl]-2-methyl-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C26 H35 Br N3 O2
 SX Chemical Library
 Supplier: Comex International Inc.



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 64 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237314-75-2 REGISTRY
 ED Entered STM 22 May 2000
 CN Hexanamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-3-oxopropyl]-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C26 H25 Br N3 O2
 SX Chemical Library
 Supplier: Comex International Inc.



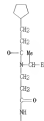
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 65 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237214-11-2 REGISTRY
 ED Entered STM: 22 May 2000
 CN 2-[3-(cyclopentylpropylamido)-N-[2-[(4-bromo-1-naphthalenyl)amino]-3-propenyl]-N-(1-methylpyrrol)-]-(CA INDEX NAME)
 MF C25 H32 Br N2 O2 S
 SX Chemical Library
 Supplier: Comchem International Inc.



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 66 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237214-10-2 REGISTRY
 ED Entered STM: 22 May 2000
 CN Cyclopentylpropylamido, N-[2-[(4-bromo-1-naphthalenyl)amino]-3-propenyl]-N-(1-methylpyrrol)- (CA INDEX NAME)
 MF C25 H32 Br N2 O2
 SX Chemical Library
 Supplier: Comchem International Inc.



PAGE 1-A



PAGE 2-A

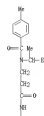
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 67 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237214-69-2 REGISTRY
 ED Entered STM: 22 May 2000
 CN Cyclopentylpropylamido, N-[2-[(4-bromo-1-naphthalenyl)amino]-3-propenyl]-N-(1-methylpyrrol)- (CA INDEX NAME)
 MF C24 H31 Br N2 O2
 SX Chemical Library
 Supplier: Comchem International Inc.



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 68 OF 115 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 237214-68-8 REGISTRY
 ED Entered STM: 22 May 2000
 CN Benzamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-3-propenyl]-4-methyl-N-(1-methylpyrrol)- (CA INDEX NAME)
 MF C25 H31 Br N2 O2
 SX Chemical Library
 Supplier: Comchem International Inc.



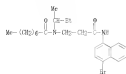
PAGE 1-A



PAGE 2-A

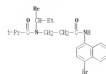
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 49 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 237314-43-2 REGISTRY
 ED Entered SIN: 22 May 2000
 CN Octanamide, N-[5-(4-bromo-1-naphthalenyl)amino]-5-oxopropyl-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C24 H35 Br N2 O2
 SK Chemical Library
 Supplier: Comchem International Inc.



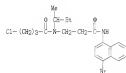
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 50 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 237314-46-0 REGISTRY
 ED Entered SIN: 22 May 2000
 CN Propanamide, N-[5-(4-bromo-1-naphthalenyl)amino]-5-oxopropyl-2-methyl-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C24 H37 Br N2 O2
 SK Chemical Library
 Supplier: Comchem International Inc.



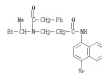
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 51 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 237314-46-4 REGISTRY
 ED Entered SIN: 22 May 2000
 CN Octanamide, N-[5-(4-bromo-1-naphthalenyl)amino]-5-oxopropyl-4-chloro-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C24 H34 Br Cl N2 O2
 SK Chemical Library
 Supplier: Comchem International Inc.



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

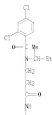
LJ ANWER 52 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 237314-46-5 REGISTRY
 ED Entered SIN: 22 May 2000
 CN Benzenesacetamide, N-[5-(4-bromo-1-naphthalenyl)amino]-5-oxopropyl-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C24 H27 Br N2 O2
 SK Chemical Library
 Supplier: Comchem International Inc.



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 15 OF 115 REGISTRY COPYRIGHT 2000 ACS on STM
 RN 237314-41-2 REGISTRY
 SD Entered STM 22 May 2000
 CN Benzamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-3-oxopropyl]-2,4-dichloro-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C14 H20 Br Cl2 NO O2
 SX Chemical Library
 Supplier: Comex International Inc.

PAGE 1-A



PAGE 2-A



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

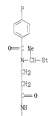
LJ ANWER 16 OF 115 REGISTRY COPYRIGHT 2000 ACS on STM
 RN 237314-49-2 REGISTRY
 SD Entered STM 22 May 2000
 CN Benzamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-3-oxopropyl]-2-chloro-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C14 H20 Br Cl NO O2
 SX Chemical Library
 Supplier: Comex International Inc.



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 15 OF 115 REGISTRY COPYRIGHT 2000 ACS on STM
 RN 237314-47-0 REGISTRY
 SD Entered STM 22 May 2000
 CN Benzamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-3-oxopropyl]-4-fluoro-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C14 H20 Br F NO O2
 SX Chemical Library
 Supplier: Comex International Inc.

PAGE 1-A

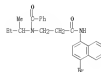


PAGE 2-A



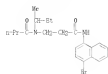
PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 16 OF 115 REGISTRY COPYRIGHT 2000 ACS on STM
 RN 237314-46-0 REGISTRY
 SD Entered STM 22 May 2000
 CN Benzamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-3-oxopropyl]-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C14 H20 Br NO O2
 SX Chemical Library
 Supplier: Comex International Inc.



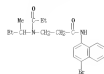
PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 11 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 23214-45-2 REGISTRY
 ED Entered STN: 22 May 2000
 CN Butanamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-5-oxopropyl]-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C14 H24 Br N2 O2
 SK Chemical Library
 Supplier: Comdex International Inc.



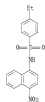
PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 16 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 23214-44-2 REGISTRY
 ED Entered STN: 22 May 2000
 CN Propanamide, N-[2-[(4-bromo-1-naphthalenyl)amino]-5-oxopropyl]-N-(1-methylpropyl)- (CA INDEX NAME)
 MF C13 H22 Br N2 O2
 SK Chemical Library
 Supplier: Comdex International Inc.



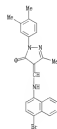
PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 19 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 23210-86-2 REGISTRY
 ED Entered STN: 27 Apr 2001
 CN Benzenesulfonamide, 4-ethyl-N-(4-nitro-1-naphthalenyl)- (CA INDEX NAME)
 MF C14 H14 N2 O4 S
 SK Chemical Library
 Supplier: ArisEx
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 50 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 232029-71-7 REGISTRY
 ED Entered STN: 28 Apr 2001
 CN 2P-Triazol-3-one, 4-[[[4-bromo-1-naphthalenyl]amino(methylene)]-2-(3,4-dimethylphenyl)-2,4-dihydro-6-methyl]- (CA INDEX NAME)
 MF C20 H24 Br N4 O
 SK Chemical Library
 Supplier: ArisEx
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT

LJ ANWER 81 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 01071-05-2 REGISTRY
 ED Entered STN: 29 Apr 2000
 CN 5,4-Pyrimidinediamine, N,N'-bis(4-bromo-1-naphthalenyl)-6-methyl-5-nitro-
 CA INDEX NAME
 OTHER CA INDEX NAMES:
 CN 5,4-Pyrimidinediamine, N,N'-bis(4-bromo-1-naphthalenyl)-6-methyl-5-nitro-
 (XCI)
 MF C24 H15 Br N4 O2
 SM
 CS Chem. Lib.
 SR Chemical Library
 Supplier: Aldrich
 LCN STN File# CHMCA75



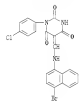
***PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

LJ ANWER 82 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 01072-47-2 REGISTRY
 ED Entered STN: 29 Mar 2000
 CN 9H-Thioxanthene-5-carboxamide, N-(4-bromo-1-naphthalenyl)-9-oxo-,
 N-10-nitride (CA INDEX NAME)
 MF C24 H15 Br N O4 S
 SM
 CS Chem. Lib.
 SR Supplier: Eumise



***PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

LJ ANWER 83 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 00090-06-6 REGISTRY
 ED Entered STN: 15 Apr 2000
 CN 5,4,6-Triaza-5,6,7-Pyrimidin-10-one, 5-[[[4-bromo-1-naphthalenyl]amino]methyl]ene]-1'-(4-chlorophenyl)- (CA INDEX NAME)
 MF C23 H15 Br Cl N4 O
 SM
 CS Chemical Library
 Supplier: Aldrich
 LCN STN File# CHMCA75



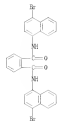
***PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

LJ ANWER 84 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 00090-10-2 REGISTRY
 ED Entered STN: 15 Nov 2000
 CN 7-Naphthaleneformamide, N-(4-nitro-1-naphthalenyl)- (CA INDEX NAME)
 MF C20 H14 N2 O4
 SM
 CS Chemical Library
 Supplier: Florida Center for Heterocyclic Compounds, Department of Chemistry, University of Florida
 LCN STN File# CHMCA75



***PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

LJ ANWER 86 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 200609-01-2 REGISTRY
 SD Entered STN: 02 Nov 2000
 CN 1,1'-Bis(methylenebis(carbamate), N,N'-bis(4-bromo-1-naphthalenyl)- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CA 1,1'-Bis(methylenebis(carbamate), N,N'-bis(4-bromo-1-naphthalenyl)- (XCI)
 MF C28 H28 Br2 N2 O2
 SX Chemical Library
 Supplier ChemBio, Inc.
 LC STN Files: CHEMISTS



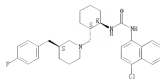
***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 86 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN (Continued)
 REFERENCE 6: 133-43444
 REFERENCE 7: 133-43443
 REFERENCE 8: 133-43442
 REFERENCE 9: 133-43441

LJ ANWER 86 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 200612-01-2 REGISTRY
 SD Entered STN: 10 Jul 2000
 CN Brea, N-(4-chloro-1-naphthalenyl)-N'-[[(1R,2S,5-[(1Q2)-5-[(4-fluorobenzyl)methyl]-1-imidazolinyl)methyl]pyridinyl]-2,2,5-trifluoropropionate (1:1) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Brea, N-(4-chloro-1-naphthalenyl)-N'-[[(1R,2S,5-[(1Q2)-5-[(4-fluorobenzyl)methyl]-1-imidazolinyl)methyl]pyridinyl]-2,2,5-trifluoropropionate (XCI)
 MF C30 H25 Cl F3 N3 O2
 SX CHEMOKEMART
 LC STN Files: CA, CAPLUS, TOXCENTER, USFATS, USFATFILL

CN 1
 CSM 275813-60-0
 CMF C30 H25 Cl F3 N3 O2

Absolute stereochemistry:



CN 2
 CSM 77-05-1
 CMF C2 H F3 O2



9 REFERENCES IN FILE CA (1900 TO DATE)
 9 REFERENCES IN FILE CAPLUS (1900 TO DATE)

REFERENCE 1: 139-164710
 REFERENCE 2: 138-204946
 REFERENCE 3: 136-69739
 REFERENCE 4: 136-69738

LJ ANWER 87 OF 118 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 201204-21-8 REGISTRY
 SD Entered STN: 17 Nov 1999
 CN Guadidine, N-(4-bromo-1-naphthalenyl)- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Guadidine, (4-bromo-1-naphthalenyl)- (XCI)
 MF C11 H10 Br N2
 CL OM
 SX CA



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANKER 88 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 219661-09-2 REGISTRY
 SD Inferred STN: 23 Feb 1999
 CN 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with 2-[[4-nitro-1-naphthalenyl]-2-propenoate (XCI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CH 2-Propenoate, 2-methyl-5-[(4-nitro-1-naphthalenyl)-, polymer with 2-hydroxyethyl 2-methyl-2-propenoate (XCI)
 MF C14 H12 N2 O6 (C6 H5O 6)a
 CI P6C, OM
 PCT Polyacrylic
 SX CA

CH 1

CNN 77901-67-2
 CMF C14 H12 N2 O6



CH 2

CNN 668-77-9
 CMF C6 H10 O6



LJ ANKER 88 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 219660-09-2 REGISTRY
 SD Inferred STN: 22 Oct 1998
 CN 2-Propenoic acid, 2-methyl-, 2-[(4-nitro-1-naphthalenyl)amino]-2-oxoethyl ester, polymer with 2-hydroxyethyl 2-propenoate (XCI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CH 2-Propenoic acid, 2-hydroxyethyl ester, polymer with 2-[(4-nitro-1-naphthalenyl)amino]-2-methyl-2-propenoate (XCI)
 MF C16 H14 N2 O6 (C6 H5O 6)a
 CI P6C, OM
 PCT Polyacrylic
 SX CA

CH 1

CNN 66850-99-1
 CMF C16 H14 N2 O6



CH 2

CNN 818-81-1
 CMF C3 H6 O6



LJ ANKER 89 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 219661-07-2 REGISTRY
 SD Inferred STN: 23 Feb 1999
 CN 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with 2-[(4-nitro-1-naphthalenyl)amino]-2-methyl-2-propenoate (XCI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CH 2-Propenoic acid, 2-methyl-, 2-[(4-nitro-1-naphthalenyl)amino]-2-oxoethyl ester, polymer with 2-hydroxyethyl 2-methyl-2-propenoate (XCI)
 MF C16 H14 N2 O6 (C6 H5O 6)a
 CI P6C, OM
 PCT Polyacrylic
 SX CA

CH 1

CNN 66850-99-1
 CMF C16 H14 N2 O6



CH 2

CNN 668-77-9
 CMF C6 H10 O6



LJ ANKER 91 OF 115 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 219819-76-8 REGISTRY
 SD Inferred STN: 22 Oct 1998
 CN 2-Propenoic acid, 2-hydroxyethyl ester, polymer with 2-methyl-5-[(4-nitro-1-naphthalenyl)-2-propenoate (XCI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CH 2-Propenoate, 2-methyl-5-[(4-nitro-1-naphthalenyl)-, polymer with 2-hydroxyethyl 2-propenoate (XCI)
 MF C14 H12 N2 O6 (C6 H5O 6)a
 CI P6C, OM
 PCT Polyacrylic
 SX CA

CH 1

CNN 77901-67-2
 CMF C14 H12 N2 O6



CH 2

CNN 818-81-1
 CMF C3 H6 O6



LJ ANWER 06 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 002434-18-4 REGISTRY
 ED Entered STN: 23 May 1996
 CN Urea, N-[2-(benzomethyl)-N'-(4-bromo-1-naphthalenyl)]- (CA INDEX NAME)
 MF C15 H12 Br N2 O
 SR US National Library of Medicine (NLM)
 LC STN File# RTE254
 (MF file contains numerically searchable property data)



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 07 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 002390-43-2 REGISTRY
 ED Entered STN: 26 May 1996
 CN 48-1,2-Thiazir-2-one, N-(4-chloro-1-naphthalenyl)-4,6-dihydro- (CA INDEX NAME)
 OTHER NAMES:
 CN NUC 154001
 MF C14 H10 Cl N2 S
 SR US National Library of Medicine (NLM)
 LC STN File# REGISTRY# RTE254
 (MF file contains numerically searchable property data)



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

LJ ANWER 08 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 002390-43-2 REGISTRY
 ED Entered STN: 26 May 1996
 CN 13-Indanol-2-one, N-(4-bromo-1-naphthalenyl)-4,6-dihydro-, hydrochloride (1:1) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 13-Indanol-2-one, N-(4-bromo-1-naphthalenyl)-4,6-dihydro-, monohydrochloride (1:1)
 MF C15 H12 Br N2 Cl H
 SR US National Library of Medicine (NLM)
 LC STN File# CHEMISTS, RTE254
 (MF file contains numerically searchable property data)
 CN (746064-00-3)



• HCl

LJ ANWER 09 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 005064-90-0 REGISTRY
 ED Entered STN: 10 Apr 1996
 CN 13-Indanol-2-one, 4,6-dihydro-N-(4-iodo-1-naphthalenyl)-, hydrochloride (1:1) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 13-Indanol-2-one, 4,6-dihydro-N-(4-iodo-1-naphthalenyl)-, monohydrochloride (1:1)
 MF C15 H12 I N2 Cl H
 SR US National Library of Medicine (NLM)
 LC STN File# RTE254
 (MF file contains numerically searchable property data)
 CN (300062-00-6)



• HCl

LJ ANWER 100 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 01594-66-q REGISTRY
 SD Entered STN: 16 Nov 1994
 CN Acetamide, N-(4-bromo-1-naphthyl)- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Acetamide, N-(4-bromo-1-naphthyl)- (ECL, YCI)
 OTHER NAMES:
 CN 4-Bromo-1-acetamidonaphthalene
 CN 4-(4-Bromo-1-naphthyl)acetamide
 CN NCI 59943
 MF C12 H11 Br N O
 CL COM
 LC STN Files: BELLSHED, CA, CAMEL CAPLUS, CASRACT, CHEMCATS, TOXCENSR,
 USPATS, USPATFILL
 (File contains numerically searchable property data)



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

13 REFERENCES IN FILE CA (1960 TO DATE)
 12 REFERENCES IN FILE CAPLUS (1960 TO DATE)
 2 REFERENCES IN FILE CAMEL (1960 TO 1967)

REFERENCE 1: 140 355384
 REFERENCE 2: 156 19689
 REFERENCE 3: 153 30720
 REFERENCE 4: 133 4416
 REFERENCE 5: 122 265379
 REFERENCE 6: 119 96046
 REFERENCE 7: 117 217
 REFERENCE 8: 96 66770
 REFERENCE 9: 86 43129
 REFERENCE 10: 46 14540

LJ ANWER 100 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 28851-70-4 REGISTRY
 SD Entered STN: 16 Nov 1994
 CN 1-Naphthalenecarbonitrile, 4-(dimethylamino)- (CA INDEX NAME)
 OTHER NAMES:
 CN 1-(Dimethylamino)-4-cyanonaphthalene
 MF C12 H12 N2
 CL STN Files: CA, CAPLUS, CHEMCATS, USPATFILL



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

8 REFERENCES IN FILE CA (1960 TO DATE)
 8 REFERENCES IN FILE CAPLUS (1960 TO DATE)

REFERENCE 1: 137-353458
 REFERENCE 2: 132-250452
 REFERENCE 3: 129-220465
 REFERENCE 4: 127-36970
 REFERENCE 5: 162-87390
 REFERENCE 6: 97-31544
 REFERENCE 7: 96 6965
 REFERENCE 8: 96-186617

LJ ANWER 100 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 0967-92-6 REGISTRY
 SD Entered STN: 16 Nov 1994
 CN 1-Naphthalenecarbonitrile, 4-bromo-N,N-dimethyl- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Naphthalenecarbonitrile, 4-bromo-N,N-dimethyl- (ECL, YCI)
 OTHER NAMES:
 CN 1-Bromo-4-(dimethylamino)naphthalene
 CN 4-Bromo-N,N-dimethyl-1-naphthylamine
 MF C12 H12 Br N
 CL COM
 LC STN Files: BELLSHED, CA, CAMEL CAPLUS, CASRACT, CHEMCATS, CICHROM,
 OCLINA, USPATFILL
 (File contains numerically searchable property data)



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

17 REFERENCES IN FILE CA (1960 TO DATE)
 17 REFERENCES IN FILE CAPLUS (1960 TO DATE)
 2 REFERENCES IN FILE CAMEL (1960 TO 1967)

REFERENCE 1: 147 306629
 REFERENCE 2: 146 461975
 REFERENCE 3: 145 120950
 REFERENCE 4: 144 468091
 REFERENCE 5: 142 30676
 REFERENCE 6: 140 98539
 REFERENCE 7: 138 204021
 REFERENCE 8: 135 146772
 REFERENCE 9: 128 149723
 REFERENCE 10: 123 265466

LJ ANWER 100 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 00099-14-7 REGISTRY
 SD Entered STN: 16 Nov 1994
 CN 1-Naphthalenecarbonitrile, 4-Fluoro-N,N,N-trimethyl- (CA INDEX NAME)
 MF C12 H10 F N
 CL COM



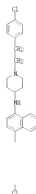
LJ ANWER 104 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 00720-64-6 REGISTRY
 SD Entered STN: 16 Nov 1984
 CN 1-Naphthalenesulfonitrile, 4-amino- (CA INDEX NAME)
 OTHER NAMES:
 CN 1-Amino-4-valetosnaphthalene
 CN 4-Amino-1-naphthalenesulfonitrile
 CN 4-Amino-1-naphthionitrile
 CN 4-Cyano-1-naphthylamine
 MF C12 H9 N2
 LC STN FILE# BELLESTEIN, CA, CAPLUS, CASREACT, CHEMCAST, CHEMLIST, CICHIM, FUSCA, SPECTRUM, TOWSON/IB, USFATS, USFATFILL.
 (While contains numerically searchable property data)
 Other Source: BRENCHOW
 (**Enter CHEMLIST file for up-to-date regulatory information)



***PROPERTY DATA AVAILABLE IN THE "FROM" FORMAT**

69 REFERENCES IN FILE CA (1967 TO DATE)
 69 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 REFERENCE 1: 148 65060
 REFERENCE 2: 147 27006
 REFERENCE 3: 146 48165
 REFERENCE 4: 146 434197
 REFERENCE 5: 146 269619
 REFERENCE 6: 146 121835
 REFERENCE 7: 146 114246
 REFERENCE 8: 146 100967
 REFERENCE 9: 146 62880
 REFERENCE 10: 144 48088

LJ ANWER 105 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 47844-91-6 REGISTRY
 SD Entered STN: 16 Nov 1984
 CN 4-Piperidinsulfone, N-(4-chloro-1-naphthalenyl)-1-[2-(4-chlorophenyl)ethyl]- (CA INDEX NAME)
 MF C22 H24 Cl2 N2
 C1 COM



PAGE 1-A

PAGE 2-A

***PROPERTY DATA AVAILABLE IN THE "FROM" FORMAT**

LJ ANWER 106 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 07491-91-2 REGISTRY
 SD Entered STN: 16 Nov 1984
 CN 4-Piperidinsulfone, N-(4-chloro-1-naphthalenyl)-1-[2-phenylethyl]- (CA INDEX NAME)
 MF C22 H25 Br N2
 C1 COM



***PROPERTY DATA AVAILABLE IN THE "FROM" FORMAT**

LJ ANWER 107 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 00529-76-9 REGISTRY
 SD Entered STN: 16 Nov 1984
 CN 1-Naphthalenesulfone, N,N-dimethyl-4-nitro- (CA INDEX NAME)
 OTHER CA INDEX NAME(S):
 CN 1-Naphthalenesulfone, N,N-dimethyl-4-nitro- (C1)
 OTHER NAMES:
 CN N,N-Dimethyl-4-nitro-1-naphthylamine
 MF C12 H12 N2 O2
 LC STN FILE# BELLESTEIN, CA, CAPLUS, CASREACT
 (While contains numerically searchable property data)



***PROPERTY DATA AVAILABLE IN THE "FROM" FORMAT**

14 REFERENCES IN FILE CA (1967 TO DATE)
 14 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 1 REFERENCES IN FILE CAMEL (PRIOR TO 1967)
 REFERENCE 1: 139 22067
 REFERENCE 2: 138 169773
 REFERENCE 3: 132 168210
 REFERENCE 4: 121 204636
 REFERENCE 5: 116 94260
 REFERENCE 6: 109 109706
 REFERENCE 7: 107 133672
 REFERENCE 8: 99 22064
 REFERENCE 9: 88 164361
 REFERENCE 10: 67 62424

LJ ANWER 100 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 24402-71-0 REGISTRY
 SD Entered STN 16 Nov 1994
 CN Acetamide, N-(4-nitro-1-naphthyl)- (CA INDEX NAME)
 OTHER CA INDEX NAME:
 CN Acetamide, N-(4-nitro-1-naphthyl)- (EC1, YC1, BC1)
 OTHER NAME:
 CN N-Acetyl-4-nitro-1-naphthylamine
 CN NC 170001
 MZ C12 H10 N2 O2
 LG STN Files: CA, CARL, CAPLIS, CASREACT, CHEMCATS, CHEMLIST,
 TSC Files:
 USATFILL
 (Mfile contains numerically searchable property data)



***PROPERTY DATA AVAILABLE IN THE 'FROM' FORMAT**

41 REFERENCES IN FILE CA (1967 TO DATE)
 41 REFERENCES IN FILE CAPLIS (1967 TO DATE)
 4 REFERENCES IN FILE CARL (1968 TO 1967)

REFERENCE 1: 153 053077
 REFERENCE 2: 153 150144
 REFERENCE 3: 153 145122
 REFERENCE 4: 118 213660
 REFERENCE 5: 116 224986
 REFERENCE 6: 114 82949
 REFERENCE 7: 109 73979
 REFERENCE 8: 106 26823
 REFERENCE 9: 105 150994
 REFERENCE 10: 99 222473

LJ ANWER 109 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 2000-88-6 REGISTRY
 SD Entered STN 14 Nov 1994
 CN 1-Naphthalenamine, N-methyl-4-nitro- (CA INDEX NAME)
 OTHER CA INDEX NAME:
 CN 1-Naphthalenamine, N-methyl-4-nitro- (YC1, BC1)
 MZ C11 H10 N2 O2
 LG STN Files: CHELSTEN, CA, CARL, CAPLIS, CASREACT, CHEMCATS, TOXCENTER
 (Mfile contains numerically searchable property data)

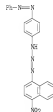


***PROPERTY DATA AVAILABLE IN THE 'FROM' FORMAT**

7 REFERENCES IN FILE CA (1967 TO DATE)
 7 REFERENCES IN FILE CAPLIS (1967 TO DATE)
 1 REFERENCES IN FILE CARL (1968 TO 1967)

REFERENCE 1: 159 220607
 REFERENCE 2: 149 219005
 REFERENCE 3: 147 153623
 REFERENCE 4: 78 67629
 REFERENCE 5: 72 94566
 REFERENCE 6: 64 24679
 REFERENCE 7: 23 12674

LJ ANWER 110 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN
 BN 6706-61-8 REGISTRY
 SD Entered STN 16 Nov 1994
 CN 1-7-Isaurose, 2-(4-nitro-1-naphthalenyl)-3-[4-(2-phenyldiazenyl)phenyl]-
 (CA INDEX NAME)
 OTHER CA INDEX NAME:
 CN 1-7-Isaurose, 1-(4-nitro-1-naphthalenyl)-3-[4-(phenylazo)phenyl]- (EC1)
 CN 7-Isaurose, 1-(4-nitro-1-naphthyl)-3-[4-(phenylazo)phenyl]- (EC1, YC1)
 OTHER NAME:
 CN Calfactin 2B
 CN NC 66432
 MZ C22 H24 N6 O10
 LG STN Files: CA, CARL, CAPLIS, CHEMLIST, TOXCENTER
 Other Sources: B1AA, T22AA
 (Mfile contains numerically searchable property data)



***PROPERTY DATA AVAILABLE IN THE 'FROM' FORMAT**

34 REFERENCES IN FILE CA (1967 TO DATE)
 12 REFERENCES TO NON-SPECIFIC SUBTYPES IN FILE CA
 34 REFERENCES IN FILE CAPLIS (1967 TO DATE)
 1 REFERENCES IN FILE CARL (1968 TO 1967)

REFERENCE 1: 146 00634
 REFERENCE 2: 142 42835
 REFERENCE 3: 142 151069
 REFERENCE 4: 159 241215
 REFERENCE 5: 156 269156
 REFERENCE 6: 125 028900
 REFERENCE 7: 125 06749
 REFERENCE 8: 121 35497
 REFERENCE 9: 129 186183
 REFERENCE 10: 117 61890

LJ ANWER 110 OF 115 REGISTRY COPYRIGHT 2000 ACS on STN (Continued)

LJ ANWER 111 OF 115, REGISTRY COPYRIGHT 2000 ACS on STN
 BN 6054-12-2, REGISTRY
 ID Entered STN: 14 Nov 1994
 CN 1-Naphthalenamine, 4-chloro- (CA INDEX NAME)
 OTHER CA INDEX NAME:
 CN 1-Naphthylamine, 4-chloro- (EC1, YC1, BC1)
 OTHER NAMES:
 CN (4-Chloronaphthalen-1-yl)amine
 CN 1-Amino-4-chloronaphthalene
 CN 4-Chloro-1-naphthalenamine
 CN 4-Chloro-1-naphthylamine
 CN NCI 60536
 CLO BR 01 N
 CI 000
 LC STN Files: BULLSTOWN, CA, CARLA, CAPUS, CASREACT, CHEMISTS, CHEMIST,
 CHEM, SPECINA, TONCENTER, UFSAT, UFSATFULL,
 UFSATOLL
 (While containing numerically searchable property data)
 Other Sources: EINECS**
 (Enter CHEMIST File for up-to-date regulatory information)



***PROPERTY DATA AVAILABLE IN THE "FROM" FORMAT**

100 REFERENCES IN FILE CA (1960 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 100 REFERENCES IN FILE CAPUS (1960 TO DATE)
 1 REFERENCES IN FILE CARLA (PREM TO 1967)
 REFERENCE 1: 148 265300
 REFERENCE 2: 148 76550
 REFERENCE 3: 148 65060
 REFERENCE 4: 147 277000
 REFERENCE 5: 147 65730
 REFERENCE 6: 148 621650
 REFERENCE 7: 146 401904
 REFERENCE 8: 146 114751
 REFERENCE 9: 146 61855
 REFERENCE 10: 145 471325

LJ ANWER 112 OF 115, REGISTRY COPYRIGHT 2000 ACS on STN
 BN 2290-07-9, REGISTRY
 ID Entered STN: 14 Nov 1994
 CN 1-Naphthalenamine, 4-bromo- (CA INDEX NAME)
 OTHER CA INDEX NAME:
 CN 1-Naphthylamine, 4-bromo- (EC1, YC1, BC1)
 OTHER NAMES:
 CN (4-Bromonaphthalen-1-yl)amine
 CN 1-Amino-4-bromonaphthalene
 CN 1-bromo-4-aminonaphthalene
 CN 4-bromo-1-naphthalenamine
 CN 4-bromo-1-naphthylamine
 CN 4-bromo-1-naphthylamine
 CN NCI 130624
 CLO BR 01 N
 CI 000
 LC STN Files: BULLSTOWN, CA, CARLA, CAPUS, CASREACT, CHEMISTS, CHEMIST,
 CHEM, SPECINA, TONCENTER, UFSAT, UFSATFULL,
 UFSATOLL
 (While containing numerically searchable property data)
 Other Sources: EINECS**
 (Enter CHEMIST File for up-to-date regulatory information)



***PROPERTY DATA AVAILABLE IN THE "FROM" FORMAT**

141 REFERENCES IN FILE CA (1960 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 140 REFERENCES IN FILE CAPUS (1960 TO DATE)
 6 REFERENCES IN FILE CARLA (PREM TO 1967)
 REFERENCE 1: 148 379810
 REFERENCE 2: 146 362564
 REFERENCE 3: 146 239065
 REFERENCE 4: 148 191728
 REFERENCE 5: 147 649360
 REFERENCE 6: 147 649969
 REFERENCE 7: 147 263277
 REFERENCE 8: 147 277000
 REFERENCE 9: 147 255900

LJ ANWER 113 OF 115, REGISTRY COPYRIGHT 2000 ACS on STN (Continued)
 REFERENCE 10: 147 258150

LJ ANWER 113 OF 115, REGISTRY COPYRIGHT 2000 ACS on STN
 BN 776-94-1, REGISTRY
 ID Entered STN: 14 Nov 1994
 CN 1-Naphthalenamine, 4-nitro- (CA INDEX NAME)
 OTHER CA INDEX NAME:
 CN 1-Naphthylamine, 4-nitro- (EC1, BC1)
 OTHER NAMES:
 CN 1-(4-Nitronaphthyl)amine
 CN 1-Amino-4-nitronaphthalene
 CN 4-Nitro-1-nitronaphthalene
 CN 4-nitro-1-naphthylamine
 CN 4-nitro-1-nitronaphthalene
 CN 4-nitro-1-naphthylamine
 CN NCI 614
 CLO BR 02 02
 CI 000
 LC STN Files: AMSTER, BULLSTOWN, BOWEN, CA, CARLA, CAPUS, CASREACT,
 CHEMISTS, CHEMINFOCAL, CHEMIST, CHEM, SPECINA, TONCENTER, UFSAT, UFSATFULL,
 UFSATOLL
 (While containing numerically searchable property data)
 Other Sources: EINECS**
 (Enter CHEMIST File for up-to-date regulatory information)



***PROPERTY DATA AVAILABLE IN THE "FROM" FORMAT**

264 REFERENCES IN FILE CA (1960 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 265 REFERENCES IN FILE CAPUS (1960 TO DATE)
 13 REFERENCES IN FILE CARLA (PREM TO 1967)
 REFERENCE 1: 149 190220
 REFERENCE 2: 148 416940
 REFERENCE 3: 148 379810
 REFERENCE 4: 148 76550
 REFERENCE 5: 147 277000
 REFERENCE 6: 147 241945
 REFERENCE 7: 146 461975
 REFERENCE 8: 146 449035
 REFERENCE 9: 146 379654
 REFERENCE 10: 146 176163

LJ ANCHOR 114 OF 115. REGISTRY COPYRIGHT 2000 ACS on STN
 BN 428-52-4. REGISTRY
 ID Entered STN 16 Nov 1994
 CN 1-Naphthalenamine, 4-fluoro- (CA INDEX NAME)
 OTHER CA INDEX NAME:
 CN 1-Naphthylamine, 4-fluoro- (ECL, ECI)
 OTHER NAME:
 CN 1-Amino-4-fluoronaphthalene
 MF C10 H9 F N
 CI 000
 LC STN Files: BELLSTEIN, CA, CAMEL, CAPLIS, CASREACT, CHEMCATS, SPECINVA,
 YOCENTON, DEPATFELL
 (NFile contains numerically searchable property data)



***PROPERTY DATA AVAILABLE IN THE "PFORM" FORMAT**

13 REFERENCES IN FILE CA (1969 TO DATE)
 13 REFERENCES IN FILE CAPLIS (1969 TO DATE)
 2 REFERENCES IN FILE CAMEL (1969 TO 1967)

REFERENCE 1: 157-24924
 REFERENCE 2: 156-17914
 REFERENCE 3: 125-15284
 REFERENCE 4: 118-80646
 REFERENCE 5: 89-12239
 REFERENCE 6: 94-144048
 REFERENCE 7: 81-14616
 REFERENCE 8: 66-13360
 REFERENCE 9: 66-14874
 REFERENCE 10: 66-46228

LJ ANCHOR 115 OF 115. REGISTRY COPYRIGHT 2000 ACS on STN
 BN 317-94-4. REGISTRY
 ID Entered STN 16 Nov 1994
 CN Acetanide, N-(6-fluoro-1-naphthyl)- (CA INDEX NAME)
 OTHER CA INDEX NAME:
 CN Acetanide, N-(6-fluoro-1-naphthyl)- (ECL, ECI, ECI)
 OTHER NAME:
 CN N-(6-Fluoro-1-naphthyl)acetamide
 CN N-Acetyl-6-fluoro-1-naphthylamine
 MF C12 H10 F N O
 LC STN Files: BELLSTEIN, CA, CAMEL, CAPLIS, CASREACT, CHEMCATS,
 CHEMINFOBOX, EPIGHS, JEPHAT, JEPHAT, DEPATFELL
 (NFile contains numerically searchable property data)



***PROPERTY DATA AVAILABLE IN THE "PFORM" FORMAT**

9 REFERENCES IN FILE CA (1969 TO DATE)
 9 REFERENCES IN FILE CAPLIS (1969 TO DATE)
 3 REFERENCES IN FILE CAMEL (1969 TO 1967)

REFERENCE 1: 122-81142
 REFERENCE 2: 84-144048
 REFERENCE 3: 80-145090
 REFERENCE 4: 80-159962
 REFERENCE 5: 66-15568
 REFERENCE 6: 66-14874
 REFERENCE 7: 59-68522
 REFERENCE 8: 52-197964
 REFERENCE 9: 49-84046

=> fil capl
FILE 'CAPLUS' ENTERED AT 10:57:25 ON 07 OCT 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 7 Oct 2008 VOL 149 ISS 15
FILE LAST UPDATED: 6 Oct 2008 (20081006/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>
'FIONA' IS DEFAULT FORMAT FOR 'CAPLUS' FILE

=> s 13
L8 931 L3

=> s 18 and py<2004
24009715 PY<2004
L9 765 L8 AND PY<2004

=> d his

(FILE 'HOME' ENTERED AT 10:48:29 ON 07 OCT 2008)

FILE 'REGISTRY' ENTERED AT 10:48:44 ON 07 OCT 2008
L1 STRUCTURE UPLOADED
L2 13 S L1
L3 875 S L1 FULL
L4 537 S L3 AND ED<06/09/2004
L5 587 S L3 AND REF. CAPLUS<=6
L6 288 S L3 NOT L5
L7 115 S L6 AND ED<06/09/2004

FILE 'CAPLUS' ENTERED AT 10:57:25 ON 07 OCT 2008

L8 931 S L3
L9 765 S L8 AND PY<2004

=> s 15
L10 438 L5

=> s 110 and py<2005
25113211 PY<2005
L11 369 L10 AND PY<2005

```
=> s l11 and py<2004
      24009715 PY<2004
L12      347 L11 AND PY<2004

=> => s l12 and thu/rl
      1055027 THU/RL
L13      79 L12 AND THU/RL

=> d l-79 bib abs hitstr
```

L13 ANSWER 1 OF 79 CAPLES COPYRIGHT 2008 ACS ON STN
 AN 2006 004203 CAPLES
 IN 146-377355
 IT Preparation of substituted 1-cyclohexyl-2-phenylbenzimidazole-6-carboxylic
 acids as remedies for hepatitis C
 Washington, Hirotsugu, Watanabe, Kenji; Yoshida, Atsuhito
 PA Japan Tobacco Inc., Japan
 US 3,388pp., Cont.-10-part of Ser. No. 909,374
 00

DT	Patent
LA	English

[illegible]

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AS The title compound I [the dotted line in rings III and IV indicates a single double bond; R¹ = H, CN, CH₃, C(CH₃)₂, CS₂, CO₂, Cl, OCH₃, OH, OMe, OSO₂Me, OSO₂t-Bu, N, Me, OEt, OPr, O*i*-Bu, Ph, R² = H, NO₂, etc.; ring Cy = unsubstituted cyclohexyl ring, etc.; ring Ar = Ph, cycloalkyl, etc., Bz, p-Tol, n-Hex, etc.; X = H, CN, etc.; R³ = H, alkyl] are prepared and formulated. Compd. I showed HSV polymerase inhibitory activity (data given). E.g., a multi-step synthesis of II.HCl, starting from 2-bromo-5-nitrotoluene and Me 2-(2-Fluoro-6-hydroxyphenyl)-1-

IT 347171-23-1P 347171-93-3P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); TH
 (Therapeutic use); BIOG. (Biological study); PREP (Preparation); USN

(preparation of substituted 1-cyclohexyl-2-phenylbenzimidazole-5-carboxylic acids as remedies for beratitis) (3)

RN 347171-27-1 CAPLIS
 CN 1H-Benzimidazole-5-carboxylic acid, 2-[4-[[[4-chloro-1-

L13 ANSWER 2 OF 79 CAPLUS COPYRIGHT 2008 ACS db STN
AN 000033176 CARLIS

TI Preparation of fused succinimides as modulators of nuclear hormone receptor function

IX Salvati, Mark E.; Balog, James Aaron; Pickering, Dacia A.; Ghese, Soren; Pura, Aberra, Li, Wenying; Patel, Ramesh N.; Hanson, Ronald L.; Mutt, Thomas; Roberge, Jacques Y.; Corte, James R.; Spergel, Steven H.; Benicelli, Richard A.; Mera, Raj N.; Xiao, Hai-Yun

PA
SQ

abandoned
CODEN: USXKEO
Patent
SwissLab

PAN: CNT 9

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PT	US 2004/0077605	A1	2004/04/22	US 2000-821077	2002/12/18

US 2002/017344A1	20021121	US 2001-683827	20010820	<—
US 6960474	20061101			
US 2004/017634	20040909	US 2001-683581	20010820	<—
EP 1 488 470 A2	20041113	EP 0 602 138 A1	20031210	

BP 1864799 AS 20071114 BP 2007-16374 20071218
 BP 1864798 AS 20071128
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT,
 LT, LU, MC, NL, PT, SE, SI, SK, TR, AT, IT, LV, MT, RO

US	2006052852	A1	20061005	US	2004-017051	20040612
US	20060102255	A1	20060901	US	2004-074049	20041025
US	7141878	B2	20061128			

US 20060206048	A1	20061117	US 2006-130905	20060517
US 2006072799	A1	20061209	US 2006-176810	20060707
US 20060264409	A1	20061129	US 2006-208587	20060216

US 20080214645	A1	20080904	US 2009-54690	20080221
US 2001-885381	A2	20010620		
US 2001-885827	A2	20010620		

US 2001-26116	B2	20011219
US 2000-214592P	P	20000628
US 2000-233518P	P	20000919
US 2001-26116	B2	20011219

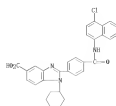
US	2001-284298	P	20020418
US	2001-284617P	P	20020418
US	2001-284730P	P	20020418
US	2000-292101	AB	20000318

US 2002-137421	A2	20021218
US 2002-022077	B5	20021218
US 2004-017051	A1	20040812
US 2004-024049	A1	20041005

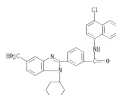
05 MARPAT 140-387818
01



AB Title compds. (I, G = (substituted) aryl, heterocyclyl; Z, Z' = O, S, NH, NMe; A, A' = CH₃, N, Y = J, J', Z, Z' = CR¹CR²) n, n' = 0-3, f = bond, 0, S, SO, SO₂, NH, NH₂, CR³CR⁴, CR⁵CR⁶, CR⁷CR⁸, CR⁹CR¹⁰, CR¹¹CR¹², CR¹³CR¹⁴, CR¹⁵CR¹⁶, CR¹⁷CR¹⁸, CR¹⁹CR²⁰, CR²¹CR²², CR²³CR²⁴, CR²⁵CR²⁶, CR²⁷CR²⁸, CR²⁹CR³⁰, CR³¹CR³², CR³³CR³⁴, CR³⁵CR³⁶, CR³⁷CR³⁸, CR³⁹CR⁴⁰, CR⁴¹CR⁴², CR⁴³CR⁴⁴, CR⁴⁵CR⁴⁶, CR⁴⁷CR⁴⁸, CR⁴⁹CR⁵⁰, CR⁵¹CR⁵², CR⁵³CR⁵⁴, CR⁵⁵CR⁵⁶, CR⁵⁷CR⁵⁸, CR⁵⁹CR⁶⁰, CR⁶¹CR⁶², CR⁶³CR⁶⁴, CR⁶⁵CR⁶⁶, CR⁶⁷CR⁶⁸, CR⁶⁹CR⁷⁰, CR⁷¹CR⁷², CR⁷³CR⁷⁴, CR⁷⁵CR⁷⁶, CR⁷⁷CR⁷⁸, CR⁷⁹CR⁸⁰, CR⁸¹CR⁸², CR⁸³CR⁸⁴, CR⁸⁵CR⁸⁶, CR⁸⁷CR⁸⁸, CR⁸⁹CR⁹⁰, CR⁹¹CR⁹², CR⁹³CR⁹⁴, CR⁹⁵CR⁹⁶, CR⁹⁷CR⁹⁸, CR⁹⁹CR¹⁰⁰, CR¹⁰¹CR¹⁰², CR¹⁰³CR¹⁰⁴, CR¹⁰⁵CR¹⁰⁶, CR¹⁰⁷CR¹⁰⁸, CR¹⁰⁹CR¹¹⁰, CR¹¹¹CR¹¹², CR¹¹³CR¹¹⁴, CR¹¹⁵CR¹¹⁶, CR¹¹⁷CR¹¹⁸, CR¹¹⁹CR¹²⁰, CR¹²¹CR¹²², CR¹²³CR¹²⁴, CR¹²⁵CR¹²⁶, CR¹²⁷CR¹²⁸, CR¹²⁹CR¹³⁰, CR¹³¹CR¹³², CR¹³³CR¹³⁴, CR¹³⁵CR¹³⁶, CR¹³⁷CR¹³⁸, CR¹³⁹CR¹⁴⁰, CR¹⁴¹CR¹⁴², CR¹⁴³CR¹⁴⁴, CR¹⁴⁵CR¹⁴⁶, CR¹⁴⁷CR¹⁴⁸, CR¹⁴⁹CR¹⁵⁰, CR¹⁵¹CR¹⁵², CR¹⁵³CR¹⁵⁴, CR¹⁵⁵CR¹⁵⁶, CR¹⁵⁷CR¹⁵⁸, CR¹⁵⁹CR¹⁶⁰, CR¹⁶¹CR¹⁶², CR¹⁶³CR¹⁶⁴, CR¹⁶⁵CR¹⁶⁶, CR¹⁶⁷CR¹⁶⁸, CR¹⁶⁹CR¹⁷⁰, CR¹⁷¹CR¹⁷², CR¹⁷³CR¹⁷⁴, CR¹⁷⁵CR¹⁷⁶, CR¹⁷⁷CR¹⁷⁸, CR¹⁷⁹CR¹⁸⁰, CR¹⁸¹CR¹⁸², CR¹⁸³CR¹⁸⁴, CR¹⁸⁵CR¹⁸⁶, CR¹⁸⁷CR¹⁸⁸, CR¹⁸⁹CR¹⁹⁰, CR¹⁹¹CR¹⁹², CR¹⁹³CR¹⁹⁴, CR¹⁹⁵CR¹⁹⁶, CR¹⁹⁷CR¹⁹⁸, CR¹⁹⁹CR²⁰⁰, CR²⁰¹CR²⁰², CR²⁰³CR²⁰⁴, CR²⁰⁵CR²⁰⁶, CR²⁰⁷CR²⁰⁸, CR²⁰⁹CR²¹⁰, CR²¹¹CR²¹², CR²¹³CR²¹⁴, CR²¹⁵CR²¹⁶, CR²¹⁷CR²¹⁸, CR²¹⁹CR²²⁰, CR²²¹CR²²², CR²²³CR²²⁴, CR²²⁵CR²²⁶, CR²²⁷CR²²⁸, CR²²⁹CR²³⁰, CR²³¹CR²³², CR²³³CR²³⁴, CR²³⁵CR²³⁶, CR²³⁷CR²³⁸, CR²³⁹CR²⁴⁰, CR²⁴¹CR²⁴², CR²⁴³CR²⁴⁴, CR²⁴⁵CR²⁴⁶, CR²⁴⁷CR²⁴⁸, CR²⁴⁹CR²⁵⁰, CR²⁵¹CR²⁵², CR²⁵³CR²⁵⁴, CR²⁵⁵CR²⁵⁶, CR²⁵⁷CR²⁵⁸, CR²⁵⁹CR²⁶⁰, CR²⁶¹CR²⁶², CR²⁶³CR²⁶⁴, CR²⁶⁵CR²⁶⁶, CR²⁶⁷CR²⁶⁸, CR²⁶⁹CR²⁷⁰, CR²⁷¹CR²⁷², CR²⁷³CR²⁷⁴, CR²⁷⁵CR²⁷⁶, CR²⁷⁷CR²⁷⁸, CR²⁷⁹CR²⁸⁰, CR²⁸¹CR²⁸², CR²⁸³CR²⁸⁴, CR²⁸⁵CR²⁸⁶, CR²⁸⁷CR²⁸⁸, CR²⁸⁹CR²⁹⁰, CR²⁹¹CR²⁹², CR²⁹³CR²⁹⁴, CR²⁹⁵CR²⁹⁶, CR²⁹⁷CR²⁹⁸, CR²⁹⁹CR³⁰⁰, CR³⁰¹CR³⁰², CR³⁰³CR³⁰⁴, CR³⁰⁵CR³⁰⁶, CR³⁰⁷CR³⁰⁸, CR³⁰⁹CR³¹⁰, CR³¹¹CR³¹², CR³¹³CR³¹⁴, CR³¹⁵CR³¹⁶, CR³¹⁷CR³¹⁸, CR³¹⁹CR³²⁰, CR³²¹CR³²², CR³²³CR³²⁴, CR³²⁵CR³²⁶, CR³²⁷CR³²⁸, CR³²⁹CR³³⁰, CR³³¹CR³³², CR³³³CR³³⁴, CR³³⁵CR³³⁶, CR³³⁷CR³³⁸, CR³³⁹CR³⁴⁰, CR³⁴¹CR³⁴², CR³⁴³CR³⁴⁴, CR³⁴⁵CR³⁴⁶, CR³⁴⁷CR³⁴⁸, CR³⁴⁹CR³⁵⁰, CR³⁵¹CR³⁵², CR³⁵³CR³⁵⁴, CR³⁵⁵CR³⁵⁶, CR³⁵⁷CR³⁵⁸, CR³⁵⁹CR³⁶⁰, CR³⁶¹CR³⁶², CR³⁶³CR³⁶⁴, CR³⁶⁵CR³⁶⁶, CR³⁶⁷CR³⁶⁸, CR³⁶⁹CR³⁷⁰, CR³⁷¹CR³⁷², CR³⁷³CR³⁷⁴, CR³⁷⁵CR³⁷⁶, CR³⁷⁷CR³⁷⁸, CR³⁷⁹CR³⁸⁰, CR³⁸¹CR³⁸², CR³⁸³CR³⁸⁴, CR³⁸⁵CR³⁸⁶, CR³⁸⁷CR³⁸⁸, CR³⁸⁹CR³⁹⁰, CR³⁹¹CR³⁹², CR³⁹³CR³⁹⁴, CR³⁹⁵CR³⁹⁶, CR³⁹⁷CR³⁹⁸, CR³⁹⁹CR⁴⁰⁰, CR⁴⁰¹CR⁴⁰², CR⁴⁰³CR⁴⁰⁴, CR⁴⁰⁵CR⁴⁰⁶, CR⁴⁰⁷CR⁴⁰⁸, CR⁴⁰⁹CR⁴¹⁰

LJ3 ANSWER 1 OF 79 CAPSUS COPYRIGHT 2008 ACS ON STN (Continued)
 math\binom{m}{k} \leq \frac{e^m}{k!} \leq \frac{e^m}{k^{k/2}} = e^{m - k/2} = e^{m - \sqrt{k}/2} = e^{m - o(\sqrt{k})} = e^{o(m)} = o(e^m) = o(1).
 (CA INDEX NAME)

IN	347171-97-5	CAPLUS
CN	[1H-Benzimidazole-5-carboxylic acid, 2-[3-[[4-chloro-1-naphthalenyl]amino]carbonyl]phenyl]-1-cyclohexyl- (CA INDEX NAME)	



RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE SE FORMAT

L13 ANSWER 2 OF 79 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
heterocycloalkyl, aryl(alkyl), alkoxyl, heterocyclo, halo, CN, R10OC

[illegible]

17 575760-98-2P
RL: RLT (Reactant); SPN (Synthetic preparation), PREP (Preparation), RACT
(Reactant or reagent)

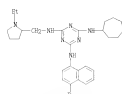
CN Carboxylic acid, (Aminoacetyl)amino, 1,1-dimethylethyl ester (GCT)

CA INDEX NAME

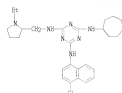


AB Title compds. (I, G = (substituted) aryl, heterocyclyl; Z1, Z2 = O, S, NH.
NMe, Al, A2 = CH₃, N, Y = J, F, C, f = CR(R')n, n = 0-3, f' = bond, O,
S, SO, SOC, NH, NR, CR(R'), R2a, R2b, R2c, CR(R')n, n = 0-6, CR(R')n,
O(CR(R'))n, NHMe, NMe, N,N, (substituted) cycloalk(enyl), heterocyclo;
W = CR(R')CR(R'), CR(R')C(O), O(CR(R'))C=CH, C=C(CR(R'))CR(R')NH,
C(NH)NR, NSO2CR(R'), N,S, (substituted) cycloalk(enyl), heterocyclo,
aryl, etc.; Q1, Q2 = H, (substituted) alkyl, alkenyl, cycloalk(enyl).

L15 ANSWER 18 OF 70 CAPSIS COPYRIGHT 2006 ACS on STM (Continued)



EN 600760-20-3 CAPLUS
 CN 1,3,5-Triazine-2, 4, 6-triamine, N2-(4-chloro-1-naphthalenyl)-N4-cycloheptyl-
 N6-[(1-ethyl-2-pyrrolidinyl)methyl]- (CA INDEX NAME)



L13 NUMBER 10 OF 19 CAPLES COPYRIGHT 2006 ACS on STM
AN 2006 241924 CAPLES
IN 130-274772
TI Preparation of hydrazonodiaminograzonoles with antiproliferative activity
IN Zhang, Zishu; Daynard, Timothy Scott; Swirsdow, Sergei V.; Chafere,
Mikhail A.; Wang, Shisen
PA Can.
SO J. Pat. Appl. Publ., 70 pgs., Cont.-in-part of U.S. Ser. No. 747,563,
CODEN USLEOH
IN Patent
LA English

[illegible]

AB Pharmaceutical comps., comprising title compds. [I] n = 0-5, R1, R2 = H, alkyl, aryl, aralkyl, C0000. R1, R2 may form double bond. R3, R4 = N(R7)2, N(R7)000; R5 = (substituted) aryl, heterocyclyl; R6 = H, alkyl, aryl.

L18 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2008 ACS on STM (Continued)
arakyl, heteroosovyl, heeteroosovylalkyl; R7 = H, alkyl, haloalkyl, aryl,
alkenyl, heteroalkenyl, heteroalkenylalkyl; R8R9 = -alkene-, R9 = H

alkyl), heterocyclyl, heterocyclylalkyl, 880905, 88 = alkylene; 89 = C_6H_5 , alkyl, are claimed (no data). Thus, p-transimide in aq. HCl was treated with an NaNO_2 under ice cooling; the resulting mdat. was added to malononitrile in an MeOH to give 308 yellow solid. The latter was refluxed 3 h with NH_4H in EtOH to give 4-[4-methoxyphenyl]hydrazono]-4H-

pyrazole-3,5-diamine. Numerous generic drug formulations are given.

42-Pyrazol-4-one, 3,5-diamino-, 3-(4-bromo-1-naphthalenyl)hydrazono (CA 100:1250)



IT 366902-41-7
RL: RCT (Reactant), RACT (Reactant or reagent)
(preparation of lacharodiaminopyranones with anticarcinogenic activity)

Preparation of hydrazonodiaminopyrazoles with antiproliferative activity)

RN 368902-41-7 CASUS

CN Propanedinitrile, 2-[2-(4-bromo-1-naphthalenyl)hydrazinylidene]- (CA
INDEX NAME)



RE CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE ER FORMAT

LIS ANSWER 20 OF 79 CAPLUS COPYRIGHT 2008 ACS on STM
AN 2400:200407 CAPLUS
DOI 10.0-250101

TI Preparation of substituted 1-cyclohexyl-2-phenylbenzimidazole-6-carboxylic
acids as remedies for hepatitis C
IN Hashimoto, Hiromasa; Mizutani, Kenji; Yoshida, Atsuhito
PA Japan Tobacco Inc., Japan

SO U.S. Pat. App., Publ., 406 pp., Cont. impart of Appl. No. PCT/JP00/09181.
C060N: 15X1109
DT Patent
LA English

[illegible]

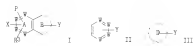
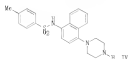
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

A8 The title compounds I (the dotted line in rings B1 and B2 indicates a single or double bond; G1 = H, CR1, G2 = N, CR2, G3 = N, CR3, G4 = N, CR4, G5 = O, CR5, G6 = C, CR6, G7 = O, S, CR7 etc.; R = H, Me, Et, n-Bu, i-Bu, Ph, CH₂-CH=CH-Ph, (cycloalkyl)oxy, cycloalkyl, etc.; ring A = Ph, cycloalkyl, etc.; R₁, R₂, R₃ = H, halo, etc.; X = H, CN, etc.; RT = Ar, alkyl) are prepared and formulated. Compd. I showed HCV polymerase inhibitory activity (data given). E.g., a multi-step synthesis of II IC₅₀, starting from 2-bromo-6-nitrotoluene and Me 2-(2-fluoro-6-hydroxyphenyl)-1-

II 347171-27-1P 347171-97-5P
RL: PMC (Pharmacological activity), SPN (Synthetic preparation), THU (Therapeutic use), BIO (Biological study), PREP (Preparation), WJCS (Waste)

(Uses)
 (preparation of substituted 1-cyclohexyl-2-phenylbenzimidazole-
 acids as remedies for hepatitis C)
 IN 347171-27-1 CAPLUS
 CN 1H-Benzimidazole-5-carboxylic acid, 2-[4-[[4-chloro-1-
 methylsulfonyl]methyl]cyclohexyl]-1-oxo-1,2-dihydro- 4A INDEX NAME

L12 NUMBER 26 OF 79 CAPLUS OFFRIGHT 2006 ACS on STM (Continued)

L13 NUMBER 26 OF 79 CAPLUS OFFRIGHT 2006 ACS on STM (Continued)
REL ONT 8 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE ISI PFORMAT

AS The title compounds (I; ring B = II or III wherein D = 5-membered heterocycle of heterocycle, with the proviso that when D contains O, D is heterocycle), V = N, CH (not more than three groups V are R in both rings A and B together), P = H, O, N, S, P, Q, R, S, T, U, V, W, X, Y, Z, and R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100, R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R122, R123, R124, R125, R126, R127, R128, R129, R130, R131, R132, R133, R134, R135, R136, R137, R138, R139, R140, R141, R142, R143, R144, R145, R146, R147, R148, R149, R150, R151, R152, R153, R154, R155, R156, R157, R158, R159, R160, R161, R162, R163, R164, R165, R166, R167, R168, R169, R170, R171, R172, R173, R174, R175, R176, R177, R178, R179, R180, R181, R182, R183, R184, R185, R186, R187, R188, R189, R190, R191, R192, R193, R194, R195, R196, R197, R198, R199, R200, R201, R202, R203, R204, R205, R206, R207, R208, R209, R210, R211, R212, R213, R214, R215, R216, R217, R218, R219, R220, R221, R222, R223, R224, R225, R226, R227, R228, R229, R230, R231, R232, R233, R234, R235, R236, R237, R238, R239, R240, R241, R242, R243, R244, R245, R246, R247, R248, R249, R250, R251, R252, R253, R254, R255, R256, R257, R258, R259, R260, R261, R262, R263, R264, R265, R266, R267, R268, R269, R270, R271, R272, R273, R274, R275, R276, R277, R278, R279, R280, R281, R282, R283, R284, R285, R286, R287, R288, R289, R290, R291, R292, R293, R294, R295, R296, R297, R298, R299, R300, R301, R302, R303, R304, R305, R306, R307, R308, R309, R310, R311, R312, R313, R314, R315, R316, R317, R318, R319, R320, R321, R322, R323, R324, R325, R326, R327, R328, R329, R330, R331, R332, R333, R334, R335, R336, R337, R338, R339, R340, R341, R342, R343, R344, R345, R346, R347, R348, R349, R350, R351, R352, R353, R354, R355, R356, R357, R358, R359, R360, R361, R362, R363, R364, R365, R366, R367, R368, R369, R370, R371, R372, R373, R374, R375, R376, R377, R378, R379, R380, R381, R382, R383, R384, R385, R386, R387, R388, R389, R390, R391, R392, R393, R394, R395, R396, R397, R398, R399, R400, R401, R402, R403, R404, R405, R406, R407, R408, R409, R410, R411, R412, R413, R414, R415, R416, R417, R418, R419, R420, R421, R422, R423, R424, R425, R426, R427, R428, R429, R430, R431, R432, R433, R434, R435, R436, R437, R438, R439, R440, R441, R442, R443, R444, R445, R446, R447, R448, R449, R450, R451, R452, R453, R454, R455, R456, R457, R458, R459, R460, R461, R462, R463, R464, R465, R466, R467, R468, R469, R470, R471, R472, R473, R474, R475, R476, R477, R478, R479, R480, R481, R482, R483, R484, R485, R486, R487, R488, R489, R490, R491, R492, R493, R494, R495, R496, R497, R498, R499, R500, R501, R502, R503, R504, R505, R506, R507, R508, R509, R510, R511, R512, R513, R514, R515, R516, R517, R518, R519, R520, R521, R522, R523, R524, R525, R526, R527, R528, R529, R530, R531, R532, R533, R534, R535, R536, R537, R538, R539, R540, R541, R542, R543, R544, R545, R546, R547, R548, R549, R550, R551, R552, R553, R554, R555, R556, R557, R558, R559, R560, R561, R562, R563, R564, R565, R566, R567, R568, R569, R570, R571, R572, R573, R574, R575, R576, R577, R578, R579, R580, R581, R582, R583, R584, R585, R586, R587, R588, R589, R590, R591, R592, R593, R594, R595, R596, R597, R598, R599, R600, R601, R602, R603, R604, R605, R606, R607, R608, R609, R610, R611, R612, R613, R614, R615, R616, R617, R618, R619, R620, R621, R622, R623, R624, R625, R626, R627, R628, R629, R630, R631, R632, R633, R634, R635, R636, R637, R638, R639, R640, R641, R642, R643, R644, R645, R646, R647, R648, R649, R650, R651, R652, R653, R654, R655, R656, R657, R658, R659, R660, R661, R662, R663, R664, R665, R666, R667, R668, R669, R670, R671, R672, R673, R674, R675, R676, R677, R678, R679, R680, R681, R682, R683, R684, R685, R686, R687, R688, R689, R690, R691, R692, R693, R694, R695, R696, R697, R698, R699, R700, R701, R702, R703, R704, R705, R706, R707, R708, R709, R710, R711, R712, R713, R714, R715, R716, R717, R718, R719, R720, R721, R722, R723, R724, R725, R726, R727, R728, R729, R730, R731, R732, R733, R734, R735, R736, R737, R738, R739, R740, R741, R742, R743, R744, R745, R746, R747, R748, R749, R750, R751, R752, R753, R754, R755, R756, R757, R758, R759, R760, R761, R762, R763, R764, R765, R766, R767, R768, R769, R770, R771, R772, R773, R774, R775, R776, R777, R778, R779, R780, R781, R782, R783, R784, R785, R786, R787, R788, R789, R790, R791, R792, R793, R794, R795, R796, R797, R798, R799, R800, R801, R802, R803, R804, R805, R806, R807, R808, R809, R810, R811, R812, R813, R814, R815, R816, R817, R818, R819, R820, R821, R822, R823, R824, R825, R826, R827, R828, R829, R830, R831, R832, R833, R834, R835, R836, R837, R838, R839, R840, R841, R842, R843, R844, R845, R846, R847, R848, R849, R850, R851, R852, R853, R854, R855, R856, R857, R858, R859, R860, R861, R862, R863, R864, R865, R866, R867, R868, R869, R870, R871, R872, R873, R874, R875, R876, R877, R878, R879, R880, R881, R882, R883, R884, R885, R886, R887, R888, R889, R890, R891, R892, R893, R894, R895, R896, R897, R898, R899, R900, R901, R902, R903, R904, R905, R906, R907, R908, R909, R910, R911, R912, R913, R914, R915, R916, R917, R918, R919, R920, R921, R922, R923, R924, R925, R926, R927, R928, R929, R930, R931, R932, R933, R934, R935, R936, R937, R938, R939, R940, R941, R942, R943, R944, R945, R946, R947, R948, R949, R950, R951, R952, R953, R954, R955, R956, R957, R958, R959, R960, R961, R962, R963, R964, R965, R966, R967, R968, R969, R970, R971, R972, R973, R974, R975, R976, R977, R978, R979, R980, R981, R982, R983, R984, R985, R986, R987, R988, R989, R990, R991, R992, R993, R994, R995, R996, R997, R998, R999, R1000, R1001, R1002, R1003, R1004, R1005, R1006, R1007, R1008, R1009, R1010, R1011, R1012, R1013, R1014, R1015, R1016, R1017, R1018, R1019, R1020, R1021, R1022, R1023, R1024, R1025, R1026, R1027, R1028, R1029, R1030, R1031, R1032, R1033, R1034, R1035, R1036, R1037, R1038, R1039, R1040, R1041, R1042, R1043, R1044, R1045, R1046, R1047, R1048, R1049, R1050, R1051, R1052, R1053, R1054, R1055, R1056, R1057, R1058, R1059, R1060, R1061, R1062, R1063, R1064, R1065, R1066, R1067, R1068, R1069, R1070, R1071, R1072, R1073, R1074, R1075, R1076, R1077, R1078, R1079, R1080, R1081, R1082, R1083, R1084, R1085, R1086, R1087, R1088, R1089, R1090, R1091, R1092, R1093, R1094, R1095, R1096, R1097, R1098, R1099, R1100, R1101, R1102, R1103, R1104, R1105, R1106, R1107, R1108, R1109, R1110, R1111, R1112, R1113, R1114, R1115, R1116, R1117, R1118, R1119, R1120, R1121, R1122, R1123, R1124, R1125, R1126, R1127, R1128, R1129, R1130, R1131, R1132, R1133, R1134, R1135, R1136, R1137, R1138, R1139, R1140, R1141, R1142, R1143, R1144, R1145, R1146, R1147, R1148, R1149, R1150, R1151, R1152, R1153, R1154, R1155, R1156, R1157, R1158, R1159, R1160, R1161, R1162, R1163, R1164, R1165, R1166, R1167, R1168, R1169, R1170, R1171, R1172, R1173, R1174, R1175, R1176, R1177, R1178, R1179, R1180, R1181, R1182, R1183, R1184, R1185, R1186, R1187, R1188, R1189, R1190, R1191, R1192, R1193, R1194, R1195, R1196, R1197, R1198, R1199, R1200, R1201, R1202, R1203, R1204, R1205, R1206, R1207, R1208, R1209, R1210, R1211, R1212, R1213, R1214, R1215, R1216, R1217, R1218, R1219, R1220, R1221, R1222, R1223, R1224, R1225, R1226, R1227, R1228, R1229, R1230, R1231, R1232, R1233, R1234, R1235, R1236, R1237, R1238, R1239, R1240, R1241, R1242, R1243, R1244, R1245, R1246, R1247, R1248, R1249, R1250, R1251, R1252, R1253, R1254, R1255, R1256, R1257, R1258, R1259, R1260, R1261, R1262, R1263, R1264, R1265, R1266, R1267, R1268, R1269, R1270, R1271, R1272, R1273, R1274, R1275, R1276, R1277, R1278, R1279, R1280, R1281, R1282, R1283, R1284, R1285, R1286, R1287, R1288, R1289, R1290, R1291, R1292, R1293, R1294, R1295, R1296, R1297, R1298, R1299, R1300, R1301, R1302, R1303, R1304, R1305, R1306, R1307, R1308, R1309, R1310, R1311, R1312, R1313, R1314, R1315, R1316, R1317, R1318, R1319, R1320, R1321, R1322, R1323, R1324, R1325, R1326, R1327, R1328, R1329, R1330, R1331, R1332, R1333, R1334, R1335, R1336, R1337, R1338, R1339, R1340, R1341, R1342, R1343, R1344, R1345, R1346, R1347, R1348, R1349, R1350, R1351, R1352, R1353, R1354, R1355, R1356, R1357, R1358, R1359, R1360, R1361, R1362, R1363, R1364, R1365, R1366, R1367, R1368, R1369, R1370, R1371, R1372, R1373, R1374, R1375, R1376, R1377, R1378, R1379, R1380, R1381, R1382, R1383, R1384, R1385, R1386, R1387, R1388, R1389, R1390, R1391, R1392, R1393, R1394, R1395, R1396, R1397, R1398, R1399, R1400, R1401, R1402, R1403, R1404, R1405, R1406, R1407, R1408, R1409, R1410, R1411, R1412, R1413, R1414, R1415, R1416, R1417, R1418, R1419, R1420, R1421, R1422, R1423, R1424, R1425, R1426, R1427, R1428, R1429, R1430, R1431, R1432, R1433, R1434, R1435, R1436, R1437, R1438, R1439, R1440, R1441, R1442, R1443, R1444, R1445, R1446, R1447, R1448, R1449, R1450, R1451, R1452, R1453, R1454, R1455, R1456, R1457, R1458, R1459, R1460, R1461, R1462, R1463, R1464, R1465, R1466, R1467, R1468, R1469, R1470, R1471, R1472, R1473, R1474, R1475, R1476, R1477, R1478, R1479, R1480, R1481, R1482, R1483, R1484, R1485, R1486, R1487, R1488, R1489, R1490, R1491, R1492, R1493, R1494, R1495, R1496, R1497, R1498, R1499, R1500, R1501, R1502, R1503, R1504, R1505, R1506, R1507, R1508, R1509, R1510, R1511, R1512, R1513, R1514, R1515, R1516, R1517, R1518, R1519, R1520, R1521, R1522, R1523, R1524, R1525, R1526, R1527, R1528, R1529, R1530, R1531, R1532, R1533, R1534, R1535, R1536, R1537, R1538, R1539, R1540, R1541, R1542, R1543, R1544, R1545, R1546, R1547, R1548, R1549, R1550, R1551, R1552, R1553, R1554, R1555, R1556, R1557, R1558, R1559, R1560, R1561, R1562, R1563, R1564, R1565, R1566, R1567, R1568, R1569, R1570, R1571, R1572, R1573, R1574, R1575, R1576, R1577, R1578, R1579, R1580, R1581, R1582, R1583, R1584, R1585, R1586, R1587, R1588, R1589, R1590, R1591, R1592, R1593, R1594, R1595, R1596, R1597, R1598, R1599, R1600, R1601, R1602, R1603, R1604, R1605, R1606, R1607, R1608, R1609, R1610, R1611, R1612, R1613, R1614, R1615, R1616, R1617, R1618, R1619, R1620, R1621, R1622, R1623, R1624, R1625, R1626, R1627, R1628, R1629, R1630, R1631, R1632, R1633, R1634, R1635, R1636, R1637, R1638, R1639, R1640, R1641, R1642, R1643, R1644, R1645, R1646, R1647, R1648, R1649, R1650, R1651, R1652, R1653, R1654, R1655, R1656, R1657, R1658, R1659, R1660, R1661, R1662, R1663, R1664, R1665, R1666, R1667, R1668, R1669, R1670, R1671, R1672, R1673, R1674, R1675, R1676, R1677, R1678, R1679, R1680, R1681, R1682, R1683, R1684, R1685, R1686, R1687, R1688, R1689, R1690, R1691, R1692, R1693, R1694, R1695, R1696, R1697, R1698, R1699, R1700, R1701, R1702, R1703, R1704, R1705, R1706, R1707, R1708, R1709, R1710, R1711, R1712, R1713, R1714, R1715, R1716, R1717, R1718, R1719, R1720, R1721, R1722, R1723, R1724, R1725, R1726, R1727, R1728, R1729, R1730, R1731, R1732, R1733, R1734, R1735, R1736, R1737, R1738, R1739, R1740, R1741, R1742, R1743, R1744, R1745, R1746, R1747, R1748, R1749, R1750, R1751, R1752, R1753, R1754, R1755, R1756, R1757, R1758, R1759, R1760, R1761, R1762, R1763, R1764, R1765, R1766, R1767, R1768, R1769, R1770, R1771, R1772, R1773, R1774, R1775, R1776, R1777, R1778, R1779, R1780, R1781, R1782, R1783, R1784, R1785, R1786, R1787, R1788, R1789, R1790, R1791, R1792, R1793, R1794, R1795, R1796, R1797, R1798, R1799, R1800, R1801, R1802, R1803, R1804, R1805, R1806, R1807, R1808, R1809, R1810, R1811, R1812, R1813, R1814, R1815, R1816, R1817, R1818, R1819, R1820, R1821, R1822, R1823, R1824, R1825, R1826, R1827, R1828, R1829, R1830, R1831, R1832, R1833, R1834, R1835, R1836, R1837, R1838, R1839, R1840, R1841, R1842, R1843, R1844, R1845, R1846, R1847, R1848, R1849, R1850, R1851, R1852, R1853, R1854, R1855, R1856, R1857, R1858, R1859, R1860, R1861, R1862, R1863, R1864, R1865, R1866, R1867, R1868, R1869, R1870, R1871, R1872, R1873, R1874, R1875, R1876, R1877, R1878, R1879, R1880, R1881, R1882, R1883, R1884, R1885, R1886, R1887, R1888, R1889, R1890, R1891, R1892, R1893, R1894, R1895, R1896, R1897, R1898, R1899, R1900, R1901, R1902, R1903, R1904, R1905, R1906, R1907, R1908, R1909, R1910, R1911, R1912, R1913, R1914, R1915, R1916, R1917, R1918, R1919, R1920, R1921, R1922, R1923, R1924, R1925, R1926, R1927, R1928, R1929, R1930, R1931, R1932, R1933, R1934, R1935, R1936, R1937, R1938, R1939, R1940, R1941, R1942, R1943, R1944, R1945, R1946, R1947, R1948, R1949, R1950, R1951, R1952, R1953, R1954, R1955, R1956, R1957, R1958, R1959, R1960, R1961, R1962, R1963, R1964, R1965, R1966, R1967, R1968, R1969, R1970, R1971, R1972, R1973, R1974, R1975, R1976, R1977, R1978, R1979, R1980, R1981, R1982, R1983, R1984, R1985, R1986, R1987, R1988, R1989, R1990, R1991, R1992, R1993, R1994, R1995, R1996, R1997, R1998, R1999, R2000, R2001, R2002, R2003, R2004, R2005, R2006, R2007, R2008, R2009, R2010, R2011, R2012, R2013, R2014, R2015, R2016, R2017, R2018, R2019, R2020, R2021, R2022, R2023, R2024, R2025, R2026, R2027, R2028, R2029, R2030, R2031, R2032, R2033, R2034, R2035, R2036, R2037, R2038, R2039, R2040, R2041, R2042, R2043, R2044, R2045, R2046, R2047, R2048, R2049, R2050, R2051, R2052, R2053, R2054, R2055, R2056, R2057, R2058, R2059, R2060, R2061, R2062, R2063, R2064, R2065, R2066, R2067, R2068, R2069, R2070, R2071, R2072, R2073, R2074, R2075, R2076, R2077, R2078, R2079, R2080, R2081, R2082, R2083, R2084, R2085, R2086, R2087, R2088, R2089, R2090, R2091, R2092, R2093, R2094, R2095, R2096, R2097, R2098, R2099, R2100, R2101, R2102, R2103, R2104, R2105, R2106, R2107, R2108, R2109, R2110, R2111, R2112, R2113, R2114, R2115, R2116, R2117, R2118, R2119, R2120, R2121, R2122, R2123, R2124, R2125, R2126, R2127, R2128, R2129, R2130, R2131, R2132, R2133, R2134, R2135, R2136, R2137, R2138, R2139, R2140, R2141, R2142, R2143, R2144, R2145, R2146, R2147, R2148, R2149, R2150, R2151, R2152, R2153, R2154, R2155, R2156, R2157, R2158, R2159, R2160, R21

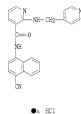
ALN	ANNO 23 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN
IN	50002 655116 CAPLUS
IN	137-200303
IN	Preparation of heterocyclicallylamine derivatives as remedies for antigenotoxic mediated diseases
IN	Chen, Guoding; Adams, Jeffrey; Benise, Jean; Bowley, Shon; Gao, Guolin; Garcia, Michael; Bifflers, Luciane; Benington, Collin; Elbaum, Daniel; Germann, Julie; Guay-Morey, Stephanie; Hanley, Michael; Huang, Qi; Kim, Jin-Hui; Li, Kun; Tae-Moon; Kiselev, Alexander; Myung, Kyoung; Patel, Vishal; Barth, David; Shaw, Markian; Tashir, Andrew; Li, Ning; Ko, Shoulin; Pasha, Chetana Chiragappa
PA	Angen Inc., USA
PA	PO Box 100, 100, 100
PA	ANGEN, FIKED
IN	Patent
IN	English
IN	Patent

[illegible]

L13	ANSWER 27 OF 79	CAPLIS	DRY/RIGHT 2006 ACS on STM	(Continued)
	US 2002-44681	A	20060910	
	AT 2002-248540	AS	20060911	
	EP 2002-717525	AS	20060911	
	WO 2002-18743	F	20060911	
05	MARKPAT 157 201302			

[illegible]

118 ANSWER 27 OF 79: CARS COPYRIGHT 2008 ACS vs. STN (Continued)



RE CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RI FORMAT

LJS ANSWER 28 OF 79 CAPLUS COPYRIGHT 2006 ACS ON STM
AN 2006/2003/00 CAPLUS
DN 136/304071
TI Modulation of CCR4 function for disease therapy
IN Collins, Tassie; Dairaghi, Daniel J.; Mahmud, Noonen; McMaster, Brian E.;
Medina, Julio C.; Schall, Thomas J.; Ku, Feng; Wang, Xuesi
PA Tularik Inc., USA; Chemocentry, Inc.
SO PCT Int. Appl., 78 pp.

[illegible]

AS
MS
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

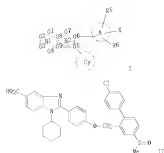
MANENT 156 704001)

The present invention is directed to compounds which are modulators of CGMR activity. These compounds and their receptors are useful in the prevention or treatment of inflammatory conditions and diseases such as allergic diseases, psoriasis, atopic dermatitis and asthma. The invention is also directed to pharmaceutical compositions containing these compounds and to the use of these compounds and compositions in the prevention or treatment of diseases in which CGMR chemokine receptors are involved. Compounds and compositions are provided for the use of the CGMR chemokine receptors in the prevention or treatment of diseases associated with CGMR activity, such as contact hypersensitivity.

RL: PRC (Pharmacological activity); GSK (Synthetic preparation); TH (Therapeutic use); RUC (Biological study); PRP (Preparation); RUC (Synthesis).

(modulators of CGMR chemokine receptor function for prevention and

L13 ANWER 39 0F 79 CAPLUS OFFRIGHT 2006 ACS on STM (Continued)



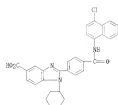
AS The title compds. I [the dotted line to rings B1 and B2 indicates a single or double bond; G1 = N, CR1; G2 = N, CR2; G3 = N, CR3; G4 = N, CR4; G5, G6, CR, CR1 + G, N, CR + G, etc.; R1 - SR = N, CR, etc.; ring C = (unsubstituted cycloalkyl) ring, etc.; ring A = C2-C8 cycloalkyl, etc.; R2, R3 = R, halo, etc.; R4 = N, CR, etc.] are compared. The benzimidazole derivative II in vitro showed IC50 of 0.001 μ M against hepatitis C virus polyprotein & formation in vivo.

IT 241771-91-IP 241777-91-SP

R: BG: Biological activity or effector, except adverse; BGU: Biological study, unclassified; CPN: Synthetic preparation; THU: Therapeutic use; B10K: Biological study; PHB: Preparation; USG: (uses) preparation of heterocyclic compds. as remedies for hepatitis C

IN 241771-91-4 CAPLUS

ON 2-(6-benzimidazole-2-carboxylate) acid, 2-[4-[[4-chloro-1-naphthalenyl] amino] carbonyl] phenyl]-1-ethyl-1- (CA INDEX NAME)



L13 ANWER 40 0F 79 CAPLUS OFFRIGHT 2006 ACS on STM (Continued)

AS 0001-372189 CAPLUS

IN 134-366868

IT Preparation of benzothiazolines as neuropeptide Y receptor antagonists Goto, Yoshio; Imai, Hirofumi; Takashi, Seishiro; Sakata, Yoshiko; Maeda, Hiroko

PA Fujisawa Pharmaceutical Co., Ltd., Japan

OP Jpn. Kokai Tokushu Koho, 88 JP

OP JGPN 733342

JP Patent

JA Japanese

PATENT NO.	SYNO	DATE	APPLICATION NO.	DATE
JP 2000139474	A	20000623	JP 2000-096175	20000928 (---)
PHAT 01-1569-0009	A	19990929		
MAEPAT 134-366868				

QT



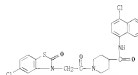
AS The title compds. I [R1 = H, halo; W = S, O; Q, R = (CH2)n, etc.; n = 1 - 6; Z = (unsubstituted N-containing heterocyclic ring) are assessed. 2-(4-chloro-1-naphthalenyl) amino] carbonyl] phenyl]-1-ethyl-1- (unsubstituted cycloalkyl) ring, etc.; ring A = C2-C8 cycloalkyl, etc.; R2, R3 = R, halo, etc.; R4 = N, CR, etc.] are compared. The benzimidazole derivative II in vitro showed IC50 of 10-7 μ M as a neuropeptide Y receptor binding assay.

IT 240179-90-IP 240179-11-SP

R: BG: Biological activity or effector, except adverse; BGU: Biological study, unclassified; CPN: Synthetic preparation; THU: Therapeutic use; B10K: Biological study; PHB: Preparation; USG: (uses) preparation of benzothiazolines as neuropeptide Y receptor antagonists

IN 240179-90-4 CAPLUS

ON 2-[2-(6-benzothiazol-2-yl)-N-(4-chloro-1-naphthalenyl)-1-[2-(5-chloro-2-oxo-2,3-dihydrobenzothiazol-2-yl) acetyl]-1- (CA INDEX NAME)



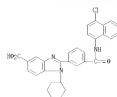
IN 240179-11-6 CAPLUS

ON 2-(2-(6-benzothiazol-2-yl)-N-(4-chloro-1-naphthalenyl) amino] carbonyl] phenyl]-1-ethyl-1- (unsubstituted cycloalkyl) ring, etc.; ring A = C2-C8 cycloalkyl, etc.; R2, R3 = R, halo, etc.; R4 = N, CR, etc.] are compared. The benzimidazole derivative II in vitro showed IC50 of 10-7 μ M as a neuropeptide Y receptor binding assay.

L13 ANWER 39 0F 79 CAPLUS OFFRIGHT 2006 ACS on STM (Continued)

IN 241771-90-5 CAPLUS

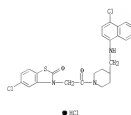
ON 2-(6-benzimidazole-2-carboxylate) acid, 2-[4-[[4-chloro-1-naphthalenyl] amino] carbonyl] phenyl]-1-ethyl-1- (CA INDEX NAME)



RE CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE INDEX

L13 ANWER 40 0F 79 CAPLUS OFFRIGHT 2006 ACS on STM (Continued)



CLASS	AWCNER 41 00 TO CAPLUS OFFRIGHT 2006 ACS on STM				
LA	2001:558541 CAPLUS				
IN	124-348269				
DT	Inhibitor for 20-HETE-yielding enzyme				
IN	Kato, Masakazu; Miyata, Noriyuki; Ishii, Takaaki; Kobayashi, Yukio; Amada, Hideo				
PA	Tasago Pharmaceutical Co., Ltd., Japan				
PC	PC7 Int Appl., 108 pp.				
ORIG	ORIG FIXING				
DE	Patent				
LA	Japanese				
PAK	INT 1				

[illegible]

AB 2003-105444 A3 200309457
AB An inhibitor for 20-hydroxycholesterol/taurochenoic acid (HETE) production which comprises as the active ingredient a specific hydroxyformamide derivative or a pharmaceutically acceptable salt thereof. It is useful especially as a remedy for kidney diseases, cerebrovascular diseases, or circulatory diseases. The novel hydroxyformamide derivative or pharmaceutically acceptable salt thereof is also provided.

17	also reviewed 350000-45-8P 350001-06-6P 350001-07-7P 350001-16-7P	RL: BAC (Biological activity or effects, external access); BGU (Biological study, unclassified); SPW (Synthetic preparation); THU (Therapeutic use); ZUC (Biological study); PRP (Preparation); UBS (Uses) Oxydoforamide derivs as inhibitors for 20-HETE-yielding enzyme for treatment of ischemic and cardiovascular diseases
18	350000-45-8P 350001-06-6P 350001-07-7P 350000-45-8P 350001-06-6P 350001-07-7P	Metipranolol, N-(4-bromo-1-methylbenzyl)-N'-hydroxy- (CA INDEX NAME)

L15 ANSWER 41 OF 79 CAPLES COPYRIGHT 2008 ACS on STM (Continued)



BN	339071-06-6	CAPLUS
CN	Methanimidamide, N-(4-cyano-1-naphthalenyl)-N'-hydroxy-	U.S. INDEX NAME



BN	339091-07-7	CAFLIS
CN	Methanimidamide, N-(4-chloro-1-naphthalenyl)-N'-hydroxy-	(CA INDEX NAME)



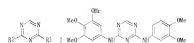
BN	330071-15-7	CAPLUS
CN	Methanimidamide, N-hydroxy-N'-(4-nitro-1-naphthalenyl)-	(CA INDEX NAME)



RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE SE FORMAT

L18 ANSWER 42 OF 79 CAPLUS COPYRIGHT 2006 ACS ON STM
AN 2001-268404 CAPLUS
DB 134-206842

TI	106-200842
IN	Preparation of uridine kinase inhibitors
IN	Amir, David M.; Benda, Jean E.; Buchanan, John L.; Mirdeto, Lucian V.; Elbaum, Daniel; Mahmood, Gregory J.; Kim, Joseph L.; Marshall, Teresa L.; Geuzen-Yeves, Stephanie D.; Novak, Perry M.; Nunes, Joseph J.; Patel, Vinod P.; Toledo-Sherman, Letecia M.; Zhu, Kaotian
PA	Kinetic Pharmaceuticals Inc., USA
50	PCJ Int. Appl., 376 pp.
	ORDEN: P1XKKG
DE	Patent
LA	English
PA	ORDEN: P1XKKG

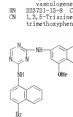
[illegible]

AS Title triazine compounds (1) [wherein R1 and R2 = independently K2, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100, R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R122, R123, R124, R125, R126, R127, R128, R129, R130, R131, R132, R133, R134, R135, R136, R137, R138, R139, R140, R141, R142, R143, R144, R145, R146, R147, R148, R149, R150, R151, R152, R153, R154, R155, R156, R157, R158, R159, R160, R161, R162, R163, R164, R165, R166, R167, R168, R169, R170, R171, R172, R173, R174, R175, R176, R177, R178, R179, R180, R181, R182, R183, R184, R185, R186, R187, R188, R189, R190, R191, R192, R193, R194, R195, R196, R197, R198, R199, R200, R201, R202, R203, R204, R205, R206, R207, R208, R209, R210, R211, R212, R213, R214, R215, R216, R217, R218, R219, R220, R221, R222, R223, R224, R225, R226, R227, R228, R229, R230, R231, R232, R233, R234, R235, R236, R237, R238, R239, R240, R241, R242, R243, R244, R245, R246, R247, R248, R249, R250, R251, R252, R253, R254, R255, R256, R257, R258, R259, R260, R261, R262, R263, R264, R265, R266, R267, R268, R269, R270, R271, R272, R273, R274, R275, R276, R277, R278, R279, R280, R281, R282, R283, R284, R285, R286, R287, R288, R289, R290, R291, R292, R293, R294, R295, R296, R297, R298, R299, R300, R301, R302, R303, R304, R305, R306, R307, R308, R309, R310, R311, R312, R313, R314, R315, R316, R317, R318, R319, R320, R321, R322, R323, R324, R325, R326, R327, R328, R329, R330, R331, R332, R333, R334, R335, R336, R337, R338, R339, R340, R341, R342, R343, R344, R345, R346, R347, R348, R349, R350, R351, R352, R353, R354, R355, R356, R357, R358, R359, R360, R361, R362, R363, R364, R365, R366, R367, R368, R369, R370, R371, R372, R373, R374, R375, R376, R377, R378, R379, R380, R381, R382, R383, R384, R385, R386, R387, R388, R389, R390, R391, R392, R393, R394, R395, R396, R397, R398, R399, R400, R401, R402, R403, R404, R405, R406, R407, R408, R409, R410, R411, R412, R413, R414, R415, R416, R417, R418, R419, R420, R421, R422, R423, R424, R425, R426, R427, R428, R429, R430, R431, R432, R433, R434, R435, R436, R437, R438, R439, R440, R441, R442, R443, R444, R445, R446, R447, R448, R449, R450, R451, R452, R453, R454, R455, R456, R457, R458, R459, R460, R461, R462, R463, R464, R465, R466, R467, R468, R469, R470, R471, R472, R473, R474, R475, R476, R477, R478, R479, R480, R481, R482, R483, R484, R485, R486, R487, R488, R489, R490, R491, R492, R493, R494, R495, R496, R497, R498, R499, R500, R501, R502, R503, R504, R505, R506, R507, R508, R509, R510, R511, R512, R513, R514, R515, R516, R517, R518, R519, R520, R521, R522, R523, R524, R525, R526, R527, R528, R529, R530, R531, R532, R533, R534, R535, R536, R537, R538, R539, R540, R541, R542, R543, R544, R545, R546, R547, R548, R549, R550, R551, R552, R553, R554, R555, R556, R557, R558, R559, R560, R561, R562, R563, R564, R565, R566, R567, R568, R569, R570, R571, R572, R573, R574, R575, R576, R577, R578, R579, R580, R581, R582, R583, R584, R585, R586, R587, R588, R589, R590, R591, R592, R593, R594, R595, R596, R597, R598, R599, R600, R601, R602, R603, R604, R605, R606, R607, R608, R609, R610, R611, R612, R613, R614, R615, R616, R617, R618, R619, R620, R621, R622, R623, R624, R625, R626, R627, R628, R629, R630, R631, R632, R633, R634, R635, R636, R637, R638, R639, R640, R641, R642, R643, R644, R645, R646, R647, R648, R649, R650, R651, R652, R653, R654, R655, R656, R657, R658, R659, R660, R661, R662, R663, R664, R665, R666, R667, R668, R669, R670, R671, R672, R673, R674, R675, R676, R677, R678, R679, R680, R681, R682, R683, R684, R685, R686, R687, R688, R689, R690, R691, R692, R693, R694, R695, R696, R697, R698, R699, R700, R701, R702, R703, R704, R705, R706, R707, R708, R709, R710, R711, R712, R713, R714, R715, R716, R717, R718, R719, R720, R721, R722, R723, R724, R725, R726, R727, R728, R729, R730, R731, R732, R733, R734, R735, R736, R737, R738, R739, R740, R741, R742, R743, R744, R745, R746, R747, R748, R749, R750, R751, R752, R753, R754, R755, R756, R757, R758, R759, R760, R761, R762, R763, R764, R765, R766, R767, R768, R769, R770, R771, R772, R773, R774, R775, R776, R777, R778, R779, R780, R781, R782, R783, R784, R785, R786, R787, R788, R789, R790, R791, R792, R793, R794, R795, R796, R797, R798, R799, R800, R801, R802, R803, R804, R805, R806, R807, R808, R809, R810, R811, R812, R813, R814, R815, R816, R817, R818, R819, R820, R821, R822, R823, R824, R825, R826, R827, R828, R829, R830, R831, R832, R833, R834, R835, R836, R837, R838, R839, R840, R8

L13 ANSWER 43 OF 79 CAPLUS COPYRIGHT 2008 ACS on STM (Continued)

transfer. For example, aminostyrene 2,4-dichloro-1,3,5-triazine (Green given) with 3,4,5-trimethoxyaniline in DMF, followed by a second amination with 4-aminobutyrate in the presence of diisopropylethylamine in EtOH, gave 11. In contrast, the reaction of 2,4-dichloro-1,3,5-triazine with 0.4 meq/mL for DMP-1, DMPR-2, and PFT-1, 0.4 to 2.0 meq/mL for Lck-1, 2.0 to 6.0 meq/mL for BHR-1, Tek-1, and ERG4-1, and 2 to 4.5 meq/mL for DMPR-1, ANS-1, Met-1, Zap-1, Lck-1, FGR-1-1, and Pym-1 and compounds containing the useful amino group for the treatment of various disease symptoms related to kinase inhibition, such as angiogenesis or vasculogenesis (no data).

17 333731-15-8P 333733-74-2P
 NL: BAC (Biological activity or effector, except adverse), BSU (Biological study, unclassified), SPN (Synthetic preparation), THU (Therapeutic use), BUC (Biological study), PREP (Preparation), USES (Uses)
 (preparation of triazine kinase inhibitors for inhibiting angiogenesis)



RN 333735-74-3 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, NG-(4-chloro-1-naphthalenyl)-N4-(3,4,5-trimethoxyphenyl)- (CA INDEX NAME)



RE CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANDER 44 0F 79 CAPLIE: COPYRIGHT 2006 ACS on STM (Continued)

RE CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE F0047

L13 ANDER 45 0F 79 CAPLIE: COPYRIGHT 2006 ACS on STM (Continued)

AN 2000 P18234 CAPLIE

EP 122-321879

T1 Preparation of cyclic protein tyrosine kinase inhibitors

IN Ben. Janszindis, Vishwanath, Kanich, Chen, Fong, Harris, Derek J., Bowers, Arthur M P & Marriah, Joel C.; Rytayk, John

PA Bristol-Myers Squibb Co., USA

50 PCT Int. Appl., 2000 30

OWW: F11000

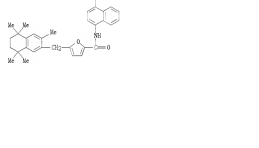
BT Patent

LA English

PAN CNT 5

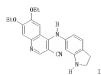
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI 99 200006718	A1	20000608	99 2000-023915	20000411 (---)
F 99 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 21				

L18 ANSWER 51 OF 79 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

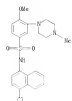


GN 2-Furancarboxamide, N-(4-bromo-1-naphthalenyl)-5-[(5,6,7,8-tetrahydro-3,5,5,8,8-pentamethyl-2-naphthalenyl)methyl]- (CA INDEX NAME)

PN	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	NO 30003181		2000/06/06	NO 1999/152866A	1999/02/02
	FI, AE, AL, AM, AT, AU, BE, BG, BR, CA, CH, CN, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IL, IN, JP, KR, KZ, MC, MD, ME, MK, MP, MW, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, ST, SV, TH, TJ, TR, UA, US, VN	AL, AT, AU, BE, BG, BR, CA, CH, CN, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IL, IN, JP, KR, KZ, MC, MD, ME, MK, MP, MW, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, ST, SV, TH, TJ, TR, UA, US, VN	BA, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IL, IN, JP, KR, KZ, MC, MD, ME, MK, MP, MW, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, ST, SV, TH, TJ, TR, UA, US, VN	NO 1999/152866A	1999/02/02
FI	NO 981169	FI	2000/07/25	CA 1999-01693	1999/02/02
FI	NO 111769	FI	2000/07/25	BP 1999-04840	1999/02/02
FI	NO 111769	FI	2000/12/02		
	AE, AL, AM, AT, AU, BE, BG, BR, CA, CH, CN, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IL, IN, JP, KR, KZ, MC, MD, ME, MK, MP, MW, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, ST, SV, TH, TJ, TR, UA, US, VN	AL, AT, AU, BE, BG, BR, CA, CH, CN, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IL, IN, JP, KR, KZ, MC, MD, ME, MK, MP, MW, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, ST, SV, TH, TJ, TR, UA, US, VN	BA, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IL, IN, JP, KR, KZ, MC, MD, ME, MK, MP, MW, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, ST, SV, TH, TJ, TR, UA, US, VN		

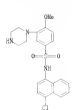
[illegible]

L13 ANKER 16 OF 19 CAPLIS OFFRIGHT 2006 ACS on STN (Continued)



● HCl

IN 119961-10-3 CAPLIS
CN Betanaminifumide, N-(4-chloro-1-naphthalenyl)-4-methoxy-3-(1-piperazinyl)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

IN 119961-10-3 CAPLIS
CN Betanaminifumide, N-(4-chloro-1-naphthalenyl)-4-methoxy-3-(4-methyl-1-piperazinyl)- (CA INDEX NAME)

L13 ANKER 19 OF 19 CAPLIS OFFRIGHT 2006 ACS on STN

IN 1999-04178 CAPLIS
IN 130-14681
TC Combination antipneumatic drug therapies comprising aminoglycoside antibiotics and N,N'-disubstituted guanidines
IN Overton, David J.; Marzari, Graham J.
IN Cambridge Neuroscience, Inc., USA
IN 17 Jan. Appl., 1998 pp.
IN C02N 77/0002

IN Patent
IN British

IN PATENT NO

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

IN INVENTOR

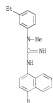
IN INVENTOR

IN INVENTOR

IN INVENTOR

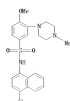
IN INVENTOR

IN INVENTOR

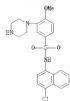


IN 1301196-18-3 CAPLIS
CN Guanidine, N-(2-ethyl-2,6-difluorophenyl)-N'-(4-fluoro-1-naphthalenyl)-N-methyl- (CA INDEX NAME)

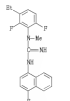
L13 ANKER 16 OF 19 CAPLIS OFFRIGHT 2006 ACS on STN (Continued)



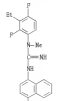
IN 119961-06-6 CAPLIS
CN Betanaminifumide, N-(4-chloro-1-naphthalenyl)-4-methoxy-3-(1-piperazinyl)- (CA INDEX NAME)



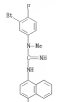
L13 ANKER 19 OF 19 CAPLIS OFFRIGHT 2006 ACS on STN (Continued)



IN 1301196-19-4 CAPLIS
CN Guanidine, N-(2-ethyl-2,6-difluorophenyl)-N'-(4-fluoro-1-naphthalenyl)-N-methyl- (CA INDEX NAME)



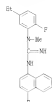
IN 1301196-21-8 CAPLIS
CN Guanidine, N-(2-ethyl-2,6-difluorophenyl)-N'-(4-fluoro-1-naphthalenyl)-N-methyl- (CA INDEX NAME)



L13 ANKER 60 4F 79 CAPLUS COPYRIGHT 2006 ACS on STM (Continued)

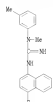
IN 00196-29-9 CAPLUS

CN Guanidine, N-[6-ethyl-2-(1-morphenyl)-N'-(4-{[1-methyl-1-naphthalenyl]-N-methyl-}-CA INDEX NAME)



IN 00196-29-6 CAPLUS

CN Guanidine, N'-(4-fluoro-1-naphthalenyl)-N-methyl-N-(3-methylphenyl)- (CA INDEX NAME)

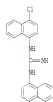
RE CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE PFORMAT

L13 ANKER 60 4F 79 CAPLUS COPYRIGHT 2006 ACS on STM (Continued)

study, 00196256-9, 750 (Therapeutic use); 001, (Biological study); 001, (Use) (Use)

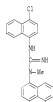
IN 00196-29-9 CAPLUS

CN Guanidine, N'-(4-chloro-1-naphthalenyl)-N'-(1,2-dihydro-6-acenaphthyl)-N-methyl- (CA INDEX NAME)



IN 00196-29-9 CAPLUS

CN Guanidine, N'-(4-chloro-1-naphthalenyl)-N'-(1,2-dihydro-6-acenaphthyl)-N-methyl- (CA INDEX NAME)



IN 00196-29-9 CAPLUS

CN Guanidine, N'-(4-chloro-1-naphthalenyl)-N'-(1,2-dihydro-6-acenaphthyl)-N-methyl- (CA INDEX NAME)

L13 ANKER 60 4F 79 CAPLUS COPYRIGHT 2006 ACS on STM

AN 1998 198753 CAPLUS

IN 1998 198753

T1 Therapeutic acenaphthyl guanidines, and preparation thereof

IN Rager, Shariq; Rager, Graham J.; Bu, Lany-Ten; Saldin, Shander M.; Seib, N. Layan; Fischer, James D.; Katsagadda, Subhakar; Knapp, Andrew; Gazzetti, Margherita, Lee David

PA Cambridge Neuroscience, Inc., USA

SP U.S. 38 US. Cont.-part of U.S. Ser. No. 115,500A, abandoned

PT Patent

LA English

PAN CNT 4

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI US 0847006	A	1998-04-07	US 0847006	1998-04-07
US 0847006	A	1998-04-07	US 0847006	1998-04-07
EP 090129	A2	1999-06-09	EP 090129	1999-06-09
EP 090129	A	2000-01-19	EP 090129	1999-06-09
EP 090129	B1	2000-06-07	EP 090129	1999-06-09
FRAT: US 1201-63330A	A	1999-06-09	US 1201-63330A	1999-06-09
US 1201-63330A	A	1999-06-09	US 1201-63330A	1999-06-09
US 1201-15500A	B2	1999-11-22	US 1201-15500A	1999-11-22
US 1201-15500A	A	1999-11-22	US 1201-15500A	1999-11-22

QE MARIAT 106-0108

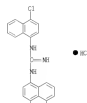
AS N,N'-diaryl substituted guanidines having therapeutic utility are provided. The compounds of the invention include ACN196-296256-9 (CA, RI represent hydroxyl, other group; Ar, Ar1 = selected aryl groups, RI be an acenaphthyl).

IT 00196-29-9

RI: 001, (Biological activity or effector, except adverse); 001, (Biological study, mechanism); 001, (Synthetic preparation); 001, (Therapeutic use); 001, (Biological study); 001, (Preparation); 001, (Use) (acacaphthyl guanidines, preparation, and therapeutic use)

IT 00196-29-9

CN Guanidine, N'-(4-chloro-1-naphthalenyl)-N'-(1,2-dihydro-6-acenaphthyl)-N-methyl- (CA INDEX NAME)



IT 00196-29-9 00196-29-9 00196-29-9

IT 00196-29-9

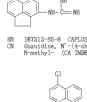
RI: 001, (Biological activity or effector, except adverse); 001, (Biological study, mechanism); 001, (Synthetic preparation); 001, (Therapeutic use); 001, (Biological study); 001, (Preparation); 001, (Use) (acacaphthyl guanidines, preparation, and therapeutic use)

L13 ANKER 60 4F 79 CAPLUS COPYRIGHT 2006 ACS on STM (Continued)

study, 00196256-9, 750 (Therapeutic use); 001, (Biological study); 001, (Use) (Use)

IN 00196-29-9 CAPLUS

CN Guanidine, N'-(4-chloro-1-naphthalenyl)-N'-(1,2-dihydro-6-acenaphthyl)-N-methyl- (CA INDEX NAME)



IN 00196-29-9 CAPLUS

CN Guanidine, N'-(4-chloro-1-naphthalenyl)-N'-(1,2-dihydro-6-acenaphthyl)-N-methyl- (CA INDEX NAME)



IN 00196-29-9 CAPLUS

CN Guanidine, N'-(4-chloro-1-naphthalenyl)-N'-(1,2-dihydro-6-acenaphthyl)-N-methyl- (CA INDEX NAME)

L13 ANDER 62 OF 79 CAPLID: COPYRIGHT 2006 ACS ON STM (Continued)

H2N-N1

RE CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE XB FORMAT

L13 ANDER 63 OF 79 CAPLID: COPYRIGHT 2006 ACS ON STM

AN 1200-180048 CAPLID:

IN 129-325869

ORIP 128-455014, 485044

T1 8-hydroxy-7-substituted quinolines as anti-viral agents

IN Vallancourt, Valerie A.; Romero, Karen R.; Romero, Arthur G.; Turles, John A.; Shinkham, Joseph W.; Seaton, Olivier; Thairuvengal, Sivaji, et al.

PA Pharmacy & Biotech Co., USA

50 PCT Int. Appl., 2000 pp.

OROW: F11000

EP Patent

PAN CNT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI 99 0611073	A1	19990619	WO 1997-011510	19970606 (←)
B: AL, AK, AT, AU, AZ, BA, BE, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EL, ES, FI, FR, GB, GR, HU, IL, IN, JP, KR, LA, LU, LV, MC, MG, MK, MN, MU, MY, NL, NO, NZ, PL, PT, RU, SA, SE, SG, SI, SK, SL, TJ, TR, TT, UA, US, UZ, VN, YU, ZH				
BF 02 000134	BB	20020123	US 2001-011711	20010606 (←)
CA 2262196	A1	19990619	CA 1992-2262196	19970606 (←)
EP 0611721	A	19990607	EP 1997-011721	19970606 (←)
EP 0611664	A1	19990607	EP 1997-011664	19970606 (←)
E AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, NO, SE, SI, SK, TR, TJ, TT, UA, US, UZ, VN, YU, ZH				
US 6106111	B1	20001009	US 1997-014683	19970606 (←)
JP 2000034669	B	20000319	JP 1999-014686	19970606 (←)
US 6113136	B1	20000400	US 1999-015789	19990623 (←)
US 6100369	B1	20000506	US 1999-015554	19990623 (←)
US 6100843	B1	20001131	US 2000-114389	20011023 (←)
FRAC 95 1290-25828P	F	19950610		
US 1999-06828P	F	19990623		
US 1997-014683	A3	19970606		
WO 1997-011510	F	19970606		
ORIPAT 128-265860				
GI				



AB The present invention provides for 8-hydroxy-7-substituted quinoline compounds, I (R = alkyl, alkylamino, arylalkylamino, etc.; R2 = H, Cl, Br, CH3, etc.; R3 = H, alkyl, alkylalkylamino, etc.; R4 = H, Cl, CH3, etc.) are prepared as anti-viral agents. Specifically, these compounds have anti-viral activity against the herpes virus, cytomegalovirus (CMV). Many of these compounds are also active against other herpes viruses, such

L13 ANDER 64 OF 79 CAPLID: COPYRIGHT 2006 ACS ON STM (Continued)

as the varicella zoster virus, the Herpes-Simplex virus, the herpes simplex virus and the human herpes virus type 8 (HHV-8).

IT 200002446-27

R: BM: (Biological activity or effect, except adverse); BU: (Biological study, (unclassified); CN: (Synthetic preparation); TH: (Therapeutic use); B10: (Biological study); F10P: (Preparation); US: (Use); preparation of 8-hydroxy-7-substituted quinolines as anti-viral agents)

IN 200002446-1 CAPLID:

CN 7-quinolinecarboxamide, N-(4-(1-methyl-1-naphthyl)-8-hydroxy- (CA INDEX NAME)

RE CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE XB FORMAT

L13 ANDER 64 OF 79 CAPLID: COPYRIGHT 2006 ACS ON STM

AN 1200-180048 CAPLID:

IN 129-325869

ORIP 128-455014, 485044

T1 Methods of treatment of eye trauma and disorders with substituted

quinolines and other compounds

IN McBurney, Robert N

PA Cambridge Neuroscience, Inc., USA; McBurney, Robert N

50 PCT Int. Appl., 92 pp.

OROW: F1100

EP Patent

PAN CNT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI 99 0611511	A1	19990619	WO 1997-011530	19970628 (←)
B: AL, AK, AT, AU, AZ, BA, BE, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EL, ES, FI, FR, GB, GR, HU, IL, IN, JP, KR, LA, LU, LV, MC, MG, MK, MN, MU, MY, NL, NO, NZ, PL, PT, RU, SA, SE, SG, SI, SK, SL, TJ, TR, TT, UA, US, UZ, VN, YU, ZH				
BF 02 000134	BB	20020123	US 2001-011711	20010606 (←)
CA 2262196	A1	19990619	CA 1992-2262196	19970606 (←)
EP 0611721	A	19990607	EP 1997-011721	19970606 (←)
EP 0611664	A1	19990607	EP 1997-011664	19970606 (←)
E AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, NO, SE, SI, SK, TR, TJ, TT, UA, US, UZ, VN, YU, ZH				
US 6106111	B1	20001009	US 1997-014683	19970606 (←)
JP 2000034669	B	20000319	JP 1999-014686	19970606 (←)
US 6113136	B1	20000400	US 1999-015789	19990623 (←)
US 6100369	B1	20000506	US 1999-015554	19990623 (←)
US 6100843	B1	20001131	US 2000-114389	20011023 (←)
FRAC 95 1290-25828P	F	19950610		
US 1999-06828P	F	19990623		
US 1997-014683	A3	19970606		
WO 1997-011530	F	19970623		
US 2000-012300	A3	20000609		

ORIPAT 128-17672

AB Methods using substituted quinolines and other compounds are provided for treatment of eye disorders and injury, including methods for treatment of reduced flow of blood or other nutrients to retinal tissue and/or optic nerve, methods for treatment of retinal ischemia and trauma, and methods for treatment for optic nerve injury/damage.

IT 137100-00-3 200106-18-5 200106-19-4

200106-21-5 200106-22-9 200106-29-4

IN BM: (Biological activity or effect, except adverse); BU: (Biological study, (unclassified); TH: (Therapeutic use); B10: (Biological study); US: (Use); preparation of substituted quinolines and other compounds for treatment of eye trauma and disorders)

IN 137100-00-3 CAPLID:

CN Quinoline, N-(2-ethylphenyl)-N'-(4-(1-methyl-1-naphthyl)-8-hydroxy- (CA INDEX NAME)

L13 ANWER 10 09 79 CAPLUS OMPHYCOT 2006 ACS on STN (Continued)
 IT 161619-04-01, 1-Hydroxy-4-methoxyphenylamine hydrochloride
 161619-04-01, 4-Quin-1-ylhydrazonophthalene
 RE: RCT (Structure); SYN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 Generation of 1-naphthylpyrrole-2-carboxamides as neurotensin receptor ligands

IN 161619-04-08 CAPLUS
 ON 1-Hydroxy-4-methoxyphenyl-1', hydrochloride (1:1) (CA INDEX NAME)



IN 161619-06-9 CAPLUS
 ON 1-Naphthylacetoneoxime, 4-hydroxy- (CA INDEX NAME)



L13 ANWER 11 09 79 CAPLUS OMPHYCOT 2006 ACS on STN

AN 1906-190266 CAPLUS

IN 1906-190273

ORIP 125-35440A, 35452A

TI Preparation of 5-(arylaminoalkyl)-1-naphthyl-2,3-0-oxetane as muscarinic agonists
 IN Bala, Venkata, Sundar, Tamar, Shankar, Thimmanna, Hirooka, Kiyotaka, Kurose, Maruyama, Iwata, Kishio

PA Sanyo, Sanyo Tokaiyoko Co., Ltd., Japan

50 Bar. Pat. Anal., 26 pp.

ORIP 125-35440A, 35452A

IN Patent

LA English

PAN INT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

P1 EP 641062 A1 19960413 EP 1994-110611 19941004 <-

EP 641062 A 19960413 JP 1994-196186 19940817 <-

JP 1994196186 A 19960413 US 1994-514036 19940907 <-

FRAT JP 1994-196186 A 19960413

ORIP 125-35440A, 35452A

ON 1996-190273

IN 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

ON 1996-190273

=> d his

(FILE 'HOME' ENTERED AT 10:48:29 ON 07 OCT 2008)

FILE 'REGISTRY' ENTERED AT 10:48:44 ON 07 OCT 2008

```

L1      STRUCTURE UPLOADED
L2      13 S L1
L3      875 S L1 FULL
L4      537 S L3 AND ED<06/09/2004
L5      587 S L3 AND REF.CAPLUS<=6
L6      288 S L3 NOT L5
L7      115 S L6 AND ED<06/09/2004

```

FILE 'CAPLUS' ENTERED AT 10:57:25 ON 07 OCT 2008

```

L8      931 S L3
L9      765 S L8 AND PY<2004
L10     438 S L5
L11     369 S L10 AND PY<2005
L12     347 S L11 AND PY<2004
L13     79 S L12 AND THU/RL

```

=> s l11 not l12

```

L14     22 L11 NOT L12

```

=> d 1-22 bib abs hitstr

L14 ANWER 3 OF 22 CAPLUS OMPRISET 2000 ACS on STN (Continued)
 RN 813400-06-9 CAPLUS
 CN 1-Naphthalenesulfonyl, 4-(propylamino)- (CA INDEX NAME)



RN 813400-09-0 CAPLUS
 CN 1-Naphthalenesulfonyl, 4-[(2-hydroxypropyl)amino]- (CA INDEX NAME)



RN 813400-10-3 CAPLUS
 CN 1-Propionyl, 3-[4-nitro-1-naphthalenyl]amino)- (CA INDEX NAME)



RN 813400-13-6 CAPLUS
 CN 1-Naphthalenesulfonyl, 4-[(cyclopropylmethyl) (2-[1-piperidinylpropyl)amino], 2,4,2-trifluoroacetate (1:1)) (CA INDEX NAME)

CN 1

CN 813400-12-5
 CN C23 H29 NO

L14 ANWER 3 OF 22 CAPLUS OMPRISET 2000 ACS on STN (Continued)



CN 2

CN 76-06-1
 CN C2 H2 O2



RN 813400-14-7 CAPLUS
 CN 1-Naphthalenesulfonyl, 4-[(cyclopropylmethyl) (2-hydroxypropyl)amino)- (CA INDEX NAME)



RN 813400-15-8 CAPLUS
 CN 1-Naphthalenesulfonyl, 4-nitro-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)



RN 813400-17-0 CAPLUS

L14 ANWER 3 OF 22 CAPLUS OMPRISET 2000 ACS on STN (Continued)
 CN 1-Naphthalenesulfonyl, 4-isomeric-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)



RN 813400-19-2 CAPLUS
 CN 1-Naphthalenesulfonyl, 4-bis(2,2,2-trifluoroethyl)amino)- (CA INDEX NAME)



RN 813400-09-6 CAPLUS
 CN 1-Naphthalenesulfonyl, 4-(propyl (2,2,2-trifluoroethyl)amino)- (CA INDEX NAME)



RN 813400-21-6 CAPLUS
 CN 1-Naphthalenesulfonyl, 4-(2-propenyl-yl (2,2,2-trifluoroethyl)amino)- (CA INDEX NAME)



RN 813400-22-7 CAPLUS
 CN 1-Naphthalenesulfonyl, 4-[(2-hydroxyethyl) (2,2,2-trifluoroethyl)amino)-

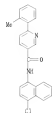
L14 ANWER 3 OF 22 CAPLUS OMPRISET 2000 ACS on STN (Continued)



L14 ANSWER 12 OF 22 CAPSIS COPYRIGHT 2006 ACS on STM (Continued)

A3 The title compound (I) as H₂A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UU, UV, UW, UX, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ.

12	Reference: Preliminary studies.
	721115-21-00
	EN: PAC (Pharmacological activity), SPN (Synthetic preparation), THU (Therapeutic use), BICG (Biological study), PREP (Preparation), UGCS (Use).
	Preparation of substituted biphenyl-4-carboxylic acid arylamide analogs as 5HT ₁ receptor modulators for treating pain associated with various conditions.
EN	721115-21-00 CAPLSE
CN	3-Pyridinecarboxamide, N-(4-chloro-1-naphthalenyl)-6-(2-methylphenyl)-



L14 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

GN 333751-13-8 CAPLUS
1,3,3-triazine-2,4-diguanine, N5-(4-bromo-1-naphthalenyl)-N4-(3,4,5-trimethoxyphenyl)- (CA INDEX NAME)



IN 303706-74-0 CAPLUS
CN 1,3,5-Triazine-2,4-diamine, N2-(4-chloro-1-naphthalenyl)-N4-(3,4,5-trimethoxyphenyl)- (CA INDEX NAME)



RE CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE EE FORMAT

L14 ANSWER 15 OF 22 CAPLES COPYRIGHT 2006 ACS on STM

AN 2004-492561 CAPLUS
DOI 1.43 / 8-47435

IN Preparation of 1,3,5-triazines as kinase inhibitors for treatment of
antiproliferative or vasculogenic
IN Armstrong, David M.; Benna, Jean E.; Buchanan, John L.; Dupre, Luciano
V.; Elbaum, Daniel; Ginn-Meyer, Stephanie D.; Hagood, Gregory J.; Kim,
Joseph L.; Marshall, Teresa L.; Movak, Perry M.; Muna, Joseph J.; Patel,
Vinod F.; Toledo-Sherman, Leticia M.; Zhu, Xiaotian

30 U.S. Pat. Appl. Publ., 300 pp., Cont. of U.S. Ser. No. 85,053, abandoned.
C0009-153109

DT Patent
LA English

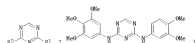
FAN CNT 2

PATENT NO. _____

PT	US	20040104388	AI	20040617	US	2000-090618	20031001 C=
		7074789	IC	20060971			
FRAI	US	1900-158176P	P	19001007			
	US	1900-166978P	P	19001125			
	US	1900-170074P	P	19001213			
	US	2000-183263P	P	20000917			
	US	2000-216574P	P	20000930			
	US	2000-219691P	P	20000977			
	US	2000-493007	SI	20001006			

05 MURPAT 141-54365

GI



Title compounds: 1. 2-mercapto-1H-1,2,3-triazole, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 18H, 19H, 20H, 21H, 22H, 23H, 24H, 25H, 26H, 27H, 28H, 29H, 30H, 31H, 32H, 33H, 34H, 35H, 36H, 37H, 38H, 39H, 40H, 41H, 42H, 43H, 44H, 45H, 46H, 47H, 48H, 49H, 50H, 51H, 52H, 53H, 54H, 55H, 56H, 57H, 58H, 59H, 60H, 61H, 62H, 63H, 64H, 65H, 66H, 67H, 68H, 69H, 70H, 71H, 72H, 73H, 74H, 75H, 76H, 77H, 78H, 79H, 80H, 81H, 82H, 83H, 84H, 85H, 86H, 87H, 88H, 89H, 90H, 91H, 92H, 93H, 94H, 95H, 96H, 97H, 98H, 99H, 100H, 101H, 102H, 103H, 104H, 105H, 106H, 107H, 108H, 109H, 110H, 111H, 112H, 113H, 114H, 115H, 116H, 117H, 118H, 119H, 120H, 121H, 122H, 123H, 124H, 125H, 126H, 127H, 128H, 129H, 130H, 131H, 132H, 133H, 134H, 135H, 136H, 137H, 138H, 139H, 140H, 141H, 142H, 143H, 144H, 145H, 146H, 147H, 148H, 149H, 150H, 151H, 152H, 153H, 154H, 155H, 156H, 157H, 158H, 159H, 160H, 161H, 162H, 163H, 164H, 165H, 166H, 167H, 168H, 169H, 170H, 171H, 172H, 173H, 174H, 175H, 176H, 177H, 178H, 179H, 180H, 181H, 182H, 183H, 184H, 185H, 186H, 187H, 188H, 189H, 190H, 191H, 192H, 193H, 194H, 195H, 196H, 197H, 198H, 199H, 200H, 201H, 202H, 203H, 204H, 205H, 206H, 207H, 208H, 209H, 210H, 211H, 212H, 213H, 214H, 215H, 216H, 217H, 218H, 219H, 220H, 221H, 222H, 223H, 224H, 225H, 226H, 227H, 228H, 229H, 230H, 231H, 232H, 233H, 234H, 235H, 236H, 237H, 238H, 239H, 240H, 241H, 242H, 243H, 244H, 245H, 246H, 247H, 248H, 249H, 250H, 251H, 252H, 253H, 254H, 255H, 256H, 257H, 258H, 259H, 260H, 261H, 262H, 263H, 264H, 265H, 266H, 267H, 268H, 269H, 270H, 271H, 272H, 273H, 274H, 275H, 276H, 277H, 278H, 279H, 280H, 281H, 282H, 283H, 284H, 285H, 286H, 287H, 288H, 289H, 290H, 291H, 292H, 293H, 294H, 295H, 296H, 297H, 298H, 299H, 300H, 301H, 302H, 303H, 304H, 305H, 306H, 307H, 308H, 309H, 310H, 311H, 312H, 313H, 314H, 315H, 316H, 317H, 318H, 319H, 320H, 321H, 322H, 323H, 324H, 325H, 326H, 327H, 328H, 329H, 330H, 331H, 332H, 333H, 334H, 335H, 336H, 337H, 338H, 339H, 340H, 341H, 342H, 343H, 344H, 345H, 346H, 347H, 348H, 349H, 350H, 351H, 352H, 353H, 354H, 355H, 356H, 357H, 358H, 359H, 360H, 361H, 362H, 363H, 364H, 365H, 366H, 367H, 368H, 369H, 370H, 371H, 372H, 373H, 374H, 375H, 376H, 377H, 378H, 379H, 380H, 381H, 382H, 383H, 384H, 385H, 386H, 387H, 388H, 389H, 390H, 391H, 392H, 393H, 394H, 395H, 396H, 397H, 398H, 399H, 400H, 401H, 402H, 403H, 404H, 405H, 406H, 407H, 408H, 409H, 410H, 411H, 412H, 413H, 414H, 415H, 416H, 417H, 418H, 419H, 420H, 421H, 422H, 423H, 424H, 425H, 426H, 427H, 428H, 429H, 430H, 431H, 432H, 433H, 434H, 435H, 436H, 437H, 438H, 439H, 440H, 441H, 442H, 443H, 444H, 445H, 446H, 447H, 448H, 449H, 450H, 451H, 452H, 453H, 454H, 455H, 456H, 457H, 458H, 459H, 460H, 461H, 462H, 463H, 464H, 465H, 466H, 467H, 468H, 469H, 470H, 471H, 472H, 473H, 474H, 475H, 476H, 477H, 478H, 479H, 480H, 481H, 482H, 483H, 484H, 485H, 486H, 487H, 488H, 489H, 490H, 491H, 492H, 493H, 494H, 495H, 496H, 497H, 498H, 499H, 500H, 501H, 502H, 503H, 504H, 505H, 506H, 507H, 508H, 509H, 510H, 511H, 512H, 513H, 514H, 515H, 516H, 517H, 518H, 519H, 520H, 521H, 522H, 523H, 524H, 525H, 526H, 527H, 528H, 529H, 530H, 531H, 532H, 533H, 534H, 535H, 536H, 537H, 538H, 539H, 540H, 541H, 542H, 543H, 544H, 545H, 546H, 547H, 548H, 549H, 550H, 551H, 552H, 553H, 554H, 555H, 556H, 557H, 558H, 559H, 560H, 561H, 562H, 563H, 564H, 565H, 566H, 567H, 568H, 569H, 570H, 571H, 572H, 573H, 574H, 575H, 576H, 577H, 578H, 579H, 580H, 581H, 582H, 583H, 584H, 585H, 586H, 587H, 588H, 589H, 590H, 591H, 592H, 593H, 594H, 595H, 596H, 597H, 598H, 599H, 600H, 601H, 602H, 603H, 604H, 605H, 606H, 607H, 608H, 609H, 610H, 611H, 612H, 613H, 614H, 615H, 616H, 617H, 618H, 619H, 620H, 621H, 622H, 623H, 624H, 625H, 626H, 627H, 628H, 629H, 630H, 631H, 632H, 633H, 634H, 635H, 636H, 637H, 638H, 639H, 640H, 641H, 642H, 643H, 644H, 645H, 646H, 647H, 648H, 649H, 650H, 651H, 652H, 653H, 654H, 655H, 656H, 657H, 658H, 659H, 660H, 661H, 662H, 663H, 664H, 665H, 666H, 667H, 668H, 669H, 670H, 671H, 672H, 673H, 674H, 675H, 676H, 677H, 678H, 679H, 680H, 681H, 682H, 683H, 684H, 685H, 686H, 687H, 688H, 689H, 690H, 691H, 692H, 693H, 694H, 695H, 696H, 697H,

333731-15-6P 333736-74-3P

RL: PAC (Pharmacological activity), SPN (Synthetic preparation), THU

L14 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2006 ACS on STM

AN 2004:081042 CAPLUS
DN 141:242006

TI Linear Free Energy Relationships in SNAr Reactions of Acyl and Diaryl

All Vlasov, V. M.; Orskina, I. A.

CS Vorozhtsov Institute of Organic Chemistry, Siberian Division, Russian Academy of Sciences, Novosibirsk, Russia

50 Russian Journal of General Chemistry (Translation of Zhurnal Obshchei

Khimii (2004), 74(4), 600-605
 Index: RSCS: ISSN: 1020-2632

FB MAIL Naska/Interperiodica Publishing

Journal
English

AB A good correlation has been established between the Bronsted coeffs

Wine and Fox for reactions of aryl-containing N-anions with various aryl halides. This correlation reflects the dependence of the inter-

barrier of aromatic nucleophilic substitution on the oxidation potential of nucleophiles.

IT 22932-60-7

EL: CPS (Chemical process); FEP (Physical, engineering or chemical process); PEP (Properties); RCT (Reactant); PRC (Process); RCT (Reactant)

or reagent)

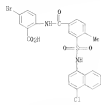
Oxidation potential; linear free energy relationships in aromatic nucleophilic reactions of aryl and diaryl N-oxides with aryl halides.

RN 92042-60-7 CAPLUS
 CN 1-ethyl-3-(3-dimethylaminopropyl) carbodiimide cross-linked polyacrylamide (CA INDEX NAME)

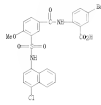


RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE SE FORMAT

L14 NUMBER 19 OF 22 CAPLUS OFFRIGHT 2006 ACS on STM (Continued)
 IN 605566-56-9 CAPLUS
 CN Benzoic acid, 4-bromo-2-[(2-[(4-chloro-1-naphthalenyl)amino]sulfonyl)-4-methylbenzoyl]amino]- (CA INDEX NAME)



IN 605566-56-6 CAPLUS
 CN Benzoic acid, 4-bromo-2-[(2-[(4-chloro-1-naphthalenyl)amino]sulfonyl)-4-methylbenzoyl]amino]- (CA INDEX NAME)



L14 NUMBER 20 OF 22 CAPLUS OFFRIGHT 2006 ACS on STM
 AN 2006.162638 CAPLUS
 IN 140-277468
 TI Preparation of heterocyclic moiety-containing fused benzene derivatives as adenosine receptor modulators
 IN Shiraishi, Mitsugu; Hara, Takahito; Komaki, Masumi; Komaki, Naoyuki; Tanemizu, Satoshi; Miyawaki, Junichi
 PA Takeda Chemical Industries, Ltd., Japan
 JP PCT Int. Appl. 257 pp.
 US 00000: P14026
 JP Patent
 LA Japanese
 PAN CNT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WJ 20060016576	A1	200606206	WJ 2006-140238	20060811 (---)
F AG, AG, AL, AN, AT, AU, CA, BA, BR, BG, BO, CA, CH, CN, CO, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IL, IN, JP, KR, LT, LU, LV, MA, MC, ME, MK, MN, MU, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, SM, SN, TH, TR, TW, UA, US, VE, VN, YU, ZA, ZM, ZW	AF, AG, AL, AN, AT, AU, CA, BA, BR, BG, BO, CA, CH, CN, CO, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IL, IN, JP, KR, LT, LU, LV, MA, MC, ME, MK, MN, MU, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, SM, SN, TH, TR, TW, UA, US, VE, VN, YU, ZA, ZM, ZW			
CA 2426383	A1	200606206	CA 2006-2426383	20060811 (---)
AT 200605490	A1	200606206	AT 2006-5490	20060811 (---)
JP 2006001406	A	20060625	JP 2006-291584	20060811 (---)
BR 200601406	A	20060610	BR 2006-1406	20060811 (---)
EP 1550044	A1	20060610	EP 2006-060610	20060811 (---)
K, AG, BG, CH, CN, CO, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IL, IN, JP, KR, LT, LU, LV, MA, MC, ME, MK, MN, MU, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, SM, SN, TH, TR, TW, UA, US, VE, VN, YU, ZA, ZM, ZW				
CN 1488527	A	200606206	CN 2006-0148171	20060811 (---)
NZ 539115	A	200606206	NZ 2006-038915	20060811 (---)
NZ 2006040621	A	20060619	NZ 2006-040621	20060810
IN 2006000604	A	20060624	IN 2006-02064	20060810
WJ 2006001406	A	20060618	WJ 2006-1406	20060811
IN 20060104067	A1	20060618	IN 2006-014067	20060810
FR 2006-22515	A	20060612	FR 2006-02515	20060810
WJ 2006-2714238	F	20060611		
DE 10047146-1/46-8				
GI				



AB The title compd. I [ring A represents an optionally substituted 5- to 8-membered ring; ring B represents a further optionally substituted 4- to 8-membered ring; ring C represents a further optionally substituted

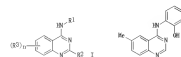
L14 NUMBER 20 OF 22 CAPLUS OFFRIGHT 2006 ACS on STM (Continued)
 IN 605566-56-9 CAPLUS
 CN Benzoic acid, 4-bromo-2-[(2-[(4-chloro-1-naphthalenyl)amino]sulfonyl)-4-methylbenzoyl]amino]- (CA INDEX NAME)
 IN 605566-56-6 CAPLUS
 CN Benzoic acid, 4-bromo-2-[(2-[(4-chloro-1-naphthalenyl)amino]sulfonyl)-4-methylbenzoyl]amino]- (CA INDEX NAME)



RE CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE XB FORMAT

L14 NUMBER 21 OF 22 CAPLUS OFFRIGHT 2006 ACS on STM
 AN 2006.130071 CAPLUS
 IN 140-183886
 TI Preparation of 4-anilino substituted pyrazolones as inhibitors of cellular growth factor receptor kinases
 IN Gailit, Avner; Levitski, Alexander
 PA Tishon Research Development Company of the Hebrew University of Jerusalem, Israel
 JP PCT Int. Appl., 85 pp.
 US 00000: P14026
 JP Patent
 LA Russian
 PAN CNT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WJ 20060013001	A1	200606112	WJ 2006-130071	20060731 (---)
F AG, AG, AL, AN, AT, AU, CA, BA, BR, BG, BO, CA, CH, CN, CO, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IL, IN, JP, KR, LT, LU, LV, MA, MC, ME, MK, MN, MU, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, SM, SN, TH, TR, TW, UA, US, VE, VN, YU, ZA, ZM, ZW	AF, AG, AL, AN, AT, AU, CA, BA, BR, BG, BO, CA, CH, CN, CO, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IL, IN, JP, KR, LT, LU, LV, MA, MC, ME, MK, MN, MU, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, SM, SN, TH, TR, TW, UA, US, VE, VN, YU, ZA, ZM, ZW			
CA 2006013001	A1	200606112	CA 2006-013001	20060731 (---)
AT 2006013001	A1	200606112	AT 2006-013001	20060731 (---)
JP 2006013001	A	200606112	JP 2006-013001	20060731 (---)
BR 2006013001	A	200606112	BR 2006-013001	20060731 (---)
EP 1550044	A1	20060610	EP 2006-060610	20060811 (---)
K, AG, BG, CH, CN, CO, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IL, IN, JP, KR, LT, LU, LV, MA, MC, ME, MK, MN, MU, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, SM, SN, TH, TR, TW, UA, US, VE, VN, YU, ZA, ZM, ZW				
CN 1488527	A	200606206	CN 2006-0148171	20060811 (---)
NZ 539115	A	200606206	NZ 2006-038915	20060811 (---)
NZ 2006040621	A	20060619	NZ 2006-040621	20060810
IN 2006000604	A	20060624	IN 2006-02064	20060810
WJ 2006001406	A	20060618	WJ 2006-1406	20060811
IN 20060104067	A1	20060618	IN 2006-014067	20060810
FR 2006-22515	A	20060612	FR 2006-02515	20060810
WJ 2006-2714238	F	20060611		
DE 10047146-1/46-8				
GI				



AB Title compd. I [R1 = (un)substituted Ph, naphthyl, etc.; R2 = H, halo, phenylamino, etc.; R3 = H, alkyl, MeO, etc.; n = 1-3] are prepared for instance, 4-chloro-6-methylpyrazolone is reacted with 2-aminophenol (Scheme, ref. 1) to give II. It is an potent inhibitor of protein tyrosine (PTK) kinase activity, particularly epidermal growth factor receptor (EGFR) kinase activity. I, II are useful in treating a variety of PTK related disorders such as cell proliferative disorders, fibrotic disorders, metabolic disorders and cancer.

IT 465248-47-4P 465248-48-5P
 RE: PAK (Pharmacological activity), STM (Synthetic preparation), THE (Therapeutic use), BLM (Biological study), PREP (Preparation), USG (Use)

IN 605566-47-4 CAPLUS
 CN 4-Aminopyrazolone, N-(4-nitro-1-naphthalenyl)-, hydrochloride (1:1) (CA INDEX NAME)

L14 ANKER 21 0F 22 CAPLSE: ONYRIGHT 3006 ACS on STN (Continued)



● HCl

IN 65288-48-9 CAPLSE
 ON 4-Quinoxalinone, 6-methyl-N-(4-nitro-1-naphthalenyl)- (CA INDEX NAME)

L14 ANKER 22 0F 22 CAPLSE: ONYRIGHT 3006 ACS on STN
 AN 2004-106259 CAPLSE

IN 150-230573

TI

Interaction of substituted benzene analogues with the Trypanosoma brucei hexose transporter

AD Arena, Laurent; Claustre, Samantha; Aliru, Isabelle; Blonski, Guyomar; Willem, Michele; Weis, Joerg; Balla, Ben; Isenack, Jean-Marie; Degeand, Frederic; Githen, Dominique; Opendoko, Frederick K A; Barrett, Michael P
 CS Groupes de Chimie Medicinale Biologique, Laboratoire de Synthèse et Physico-Chimie de Molecules d'Interet Biologique, 300-5420-0002, Bat 138, Universite Paul Sabatier, IMR 5063-0002, Bat 1370, Toulouse, 31063, FR
 SO Biochemical Pharmacology (2005), 67(3), 459-467

DOI: 10.1016/j.bcp.2004.09.006-2005

PB Elsevier Science B.V.

LA

Journal

BT

Enzymes

Glucose metabolism is essential for survival of kinetoplastid form Trypanosoma brucei, a parasite which cause human African trypanosomiasis (sleeping sickness). Benzene analogs may represent good compounds to inhibit glucose metabolism in these cells. Delivery of such compounds to the parasite is a major consideration in drug development. A series of D-glucose and D-fructose analogs were designed to explore the limits of the structure-activity relationship of the TBI hexose transporter of kinetoplastid form African trypanosomes, a portal that might be exploited for drug uptake. D-glucose analogs with substituents at the C2 and C6 position continued to interact with the endocytic benzene binding site of the transporter. There was a limit to the size at C6 which still permitted recognition, although groups, carrying large groups at position C2 were still recognized. However, radiolabelled Masetel-D-[1-¹⁴C] glucose was not internalized by trypanosomes, in spite of the ability of this compound to inhibit glucose uptake, indicating that there is a limit to the size of C2 substituent that allows translocation. Addition of an alkylating group (bromomethyl) at position C2 in the D-glucose series and at position 6 in the D-fructose set, created two analogs which interact with the transporter and kill trypanosomes in vitro. This indicates that inhibition of the transporter may be a good means of killing trypanosomes.

IT 22991-54-4

H. PAC (Pharmacological activity): TBI (Therapeutic use), B06.

U. Biological study: B06 (Use)

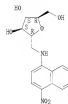
Structure-activity relationship and interaction of benzene analogs with the Trypanosoma brucei hexose transporter

IN 22991-54-4 CAPLSE

ON D-Masetel, 2,6-alkyl-2'-deoxy-1'-[(4-nitro-1-naphthalenyl)amino]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

L14 ANKER 22 0F 22 CAPLSE: ONYRIGHT 3006 ACS on STN (Continued)



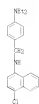
RE ONT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THIS RECORD

=> s 112 not 113
L15 268 L12 NOT L13

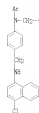
=> s 115 and patent/dt
6386785 PATENT/DT
L16 105 L15 AND PATENT/DT

=> d 1-105 bib abs hitstr

L16 ANSWER 4 OF 106 CAPLIS OMPYRIGHT 2006 ACS on STM (Continued)



BN 400741-80-6 CAPLIS
 ON Acetamide, N-[4-[[4-chloro-1-naphthalenyl]amino]methyl]phenyl]-N-(2-diethylamino)ethyl]- (CA INDEX NAME)

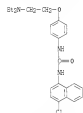


BN 400741-80-6 CAPLIS
 ON Acetamide, N-[4-[[4-chloro-1-naphthalenyl]amino]methyl]phenyl]-N-(2-diethylamino)ethyl]- (CA INDEX NAME)

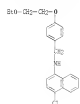
L16 ANSWER 4 OF 106 CAPLIS OMPYRIGHT 2006 ACS on STM (Continued)



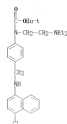
BN 400741-89-0 CAPLIS
 ON Urea, N-(4-chloro-1-naphthalenyl)-N'-(4-[2-(diethylamino)ethoxy]phenyl)- (CA INDEX NAME)



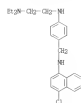
BN 400742-90-7 CAPLIS
 ON 1-Naphthalenamine, 6-chloro-N-[[4-(2-ethoxyethoxy)phenyl]methyl]- (CA INDEX NAME)



L16 ANSWER 4 OF 106 CAPLIS OMPYRIGHT 2006 ACS on STM (Continued)



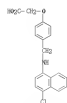
BN 400741-80-3 CAPLIS
 ON 1,2-Ethanediolamine, N2-[4-[[4-chloro-1-naphthalenyl]amino]methyl]phenyl]-N,N-diethyl- (CA INDEX NAME)



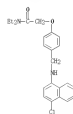
BN 400741-86-9 CAPLIS
 ON Urea, N-(4-chloro-1-naphthalenyl)-N'-(4-methoxyphenyl)- (CA INDEX NAME)

L16 ANSWER 4 OF 106 CAPLIS OMPYRIGHT 2006 ACS on STM (Continued)

BN 400742-10-3 CAPLIS
 ON Acetic acid, 2-[4-[[4-chloro-1-naphthalenyl]amino]methyl]phenyl]- (CA INDEX NAME)

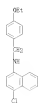


BN 400742-11-4 CAPLIS
 ON Acetamide, 2-[4-[[4-chloro-1-naphthalenyl]amino]methyl]phenyl]-N,N-diethyl- (CA INDEX NAME)

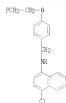


BN 400742-12-5 CAPLIS
 ON 1-Naphthalenamine, 6-chloro-N-[[4-(2-ethoxyethoxy)phenyl]methyl]- (CA INDEX NAME)

L16 ANDER 4 OF 106 CAPLIS OMPYRIGHT 2006 ACS on STN (Continued)

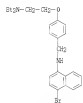


RN 400740-13-6 CAPLIS
ON 1-Naphthalenamine, 6-chloro-N-[[4-(2-fluoroethoxy)phenyl]methyl]- (CA INDEX NAME)

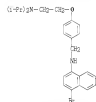


RN 400740-19-6 CAPLIS
ON 1-Naphthalenamine, 6-chloro-N-[[4-[[2-(diethylamino)ethyl]thio]phenyl]methyl]- (CA INDEX NAME)

L16 ANDER 4 OF 106 CAPLIS OMPYRIGHT 2006 ACS on STN (Continued)

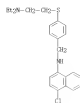


RN 400740-07-0 CAPLIS
ON 1-Naphthalenamine, N-[[[6-[2-[1-(4-methylethyl)amino]ethoxy]phenyl]methyl]-4-tert-butyl]- (CA INDEX NAME)

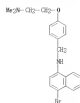


RN 400740-28-0 CAPLIS
ON 1-Naphthalenamine, 6-bromo-N-[[4-[[2-(4-morpholinyl)ethoxy]phenyl]methyl]- (CA INDEX NAME)

L16 ANDER 4 OF 106 CAPLIS OMPYRIGHT 2006 ACS on STN (Continued)



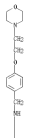
RN 400740-25-0 CAPLIS
ON 1-Naphthalenamine, 4-bromo-N-[[4-[2-(dimethylamino)ethoxy]phenyl]methyl]- (CA INDEX NAME)



RN 400740-06-1 CAPLIS
ON 1-Naphthalenamine, 4-bromo-N-[[4-[2-(diethylamino)ethoxy]phenyl]methyl]- (CA INDEX NAME)

L16 ANDER 4 OF 106 CAPLIS OMPYRIGHT 2006 ACS on STN (Continued)

PAGE 1-A



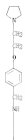
PAGE 2-A



RN 400740-29-4 CAPLIS
ON 1-Naphthalenamine, 6-bromo-N-[[4-[2-(4-morpholinyl)ethoxy]phenyl]methyl]- (CA INDEX NAME)

L16 ANDER 4 OF 106 CAPLUS OMPYRGIST 2006 ACS on STM (Continued)

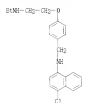
PAGE 1-A



PAGE 2-A

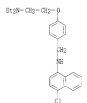


BN 606742-20-7 CAPLUS
CN 1-methyl-4-((4-chlorophenyl)methyl)pyrrolidine, 4-chloro-N-[[4-[2-(diethylamino)ethoxy]phenyl]methyl]-
(CA INDEX NAME)



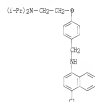
BN 606742-31-8 CAPLUS

L16 ANDER 4 OF 106 CAPLUS OMPYRGIST 2006 ACS on STM (Continued)

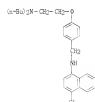


● B1

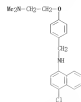
BN 606742-25-2 CAPLUS
CN 1-methyl-4-((4-chlorophenyl)methyl)pyrrolidine, 4-chloro-N-[[4-[2-(diethylamino)ethoxy]phenyl]methyl]-
(CA INDEX NAME)



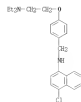
BN 606742-26-2 CAPLUS
CN 1-methyl-4-((4-chlorophenyl)methyl)pyrrolidine, 4-chloro-N-[[4-[2-(diethylamino)ethoxy]phenyl]methyl]-
(CA INDEX NAME)



L16 ANDER 4 OF 106 CAPLUS OMPYRGIST 2006 ACS on STM (Continued)
CN 1-methyl-4-((4-chlorophenyl)methyl)pyrrolidine, 4-chloro-N-[[4-[2-(diethylamino)ethoxy]phenyl]methyl]-
(CA INDEX NAME)



BN 606742-32-9 CAPLUS
CN 1-methyl-4-((4-chlorophenyl)methyl)pyrrolidine, 4-chloro-N-[[4-[2-(diethylamino)ethoxy]phenyl]methyl]-
(CA INDEX NAME)

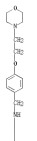


BN 606742-33-0 CAPLUS
CN 1-methyl-4-((4-chlorophenyl)methyl)pyrrolidine, 4-chloro-N-[[4-[2-(diethylamino)ethoxy]phenyl]methyl]-
hydrochloride (1:1) (CA INDEX NAME)

L16 ANDER 4 OF 106 CAPLUS OMPYRGIST 2006 ACS on STM (Continued)

BN 606742-37-4 CAPLUS
CN 1-methyl-4-((4-chlorophenyl)methyl)pyrrolidine, 4-chloro-N-[[4-[2-(diethylamino)ethoxy]phenyl]methyl]-
(CA INDEX NAME)

PAGE 1-A

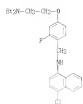


PAGE 2-A

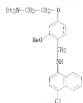


BN 606742-38-5 CAPLUS
CN 1-methyl-4-((4-chlorophenyl)methyl)pyrrolidine, 4-chloro-N-[[4-[2-(1-pyrrolidinyl)ethoxy]phenyl]methyl]-
(CA INDEX NAME)

L16 ANKER 4 OF 106 CAPLIS OMFYKIGET 2006 ACS on STM (Continued)

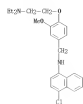


RN 402744-06-3 CAPLIS
CN 1-Naphthalenamine, 4-chloro-N-([4-[2-(diethylamino)ethoxy]-3-methoxyphenyl]methyl)- (CA INDEX NAME)

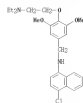


RN 402744-07-4 CAPLIS
CN 1-Naphthalenamine, 4-chloro-N-([4-[2-(diethylamino)ethoxy]-3-methoxyphenyl]methyl)- (CA INDEX NAME)

L16 ANKER 4 OF 106 CAPLIS OMFYKIGET 2006 ACS on STM (Continued)

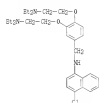


RN 402744-08-5 CAPLIS
CN 1-Naphthalenamine, 4-chloro-N-([4-[2-(diethylamino)ethoxy]-3,5-dimethoxyphenyl]methyl)- (CA INDEX NAME)

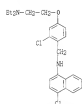


RN 402744-09-6 CAPLIS
CN 1-Naphthalenamine, N-([3,4-bis(2-(diethylamino)ethoxy)phenyl]methyl)-4-chloro- (CA INDEX NAME)

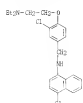
L16 ANKER 4 OF 106 CAPLIS OMFYKIGET 2006 ACS on STM (Continued)



RN 402744-10-9 CAPLIS
CN 1-Naphthalenamine, 6-chloro-N-([2-chloro-6-[2-(diethylamino)ethoxy]phenyl]methyl)- (CA INDEX NAME)

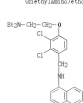


RN 402744-11-0 CAPLIS
CN 1-Naphthalenamine, 6-chloro-N-([2-chloro-6-[2-(diethylamino)ethoxy]phenyl]methyl)- (CA INDEX NAME)

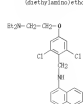


RN 402744-12-1 CAPLIS
CN 1-Naphthalenamine, 6-chloro-N-([2,3-dichloro-4-[2-

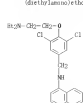
L16 ANKER 4 OF 106 CAPLIS OMFYKIGET 2006 ACS on STM (Continued)



RN 402744-13-3 CAPLIS
CN 1-Naphthalenamine, 6-chloro-N-([2,6-dichloro-4-[2-(diethylamino)ethoxy]phenyl]methyl)- (CA INDEX NAME)



RN 402744-14-5 CAPLIS
CN 1-Naphthalenamine, 6-chloro-N-([3,5-dichloro-4-[2-(diethylamino)ethoxy]phenyl]methyl)- (CA INDEX NAME)



L16 ANWER 4 OF 106 CAPLID: COPYRIGHT 2006 ACS on STN (Continued)

L16 ANWER 5 OF 106 CAPLID: COPYRIGHT 2006 ACS on STN
 AN 2002-471854 CAPLID
 IN 136-100222
 T1 Manufacture of N-acylpyrrolidine derivatives
 IN Toshiaki, Tetsuo
 PA Sumitomo Chemical Company, Limited, Japan
 SO Mar. Pat. Appl., 19 pp.
 EP 00089-EP121W
 Patent
 LA English
 PAN ON

PATENT NO	KIND	DATE	APPLICATION NO	DATE
FI EP 1172366	A1	20060916	EP 2004-111046	20040712 (---)
EP 1172366	A1	20060916		
FI 1172366	B	AL, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, SG, PT, SI, SK, TR, UK, US, JP, AU, CA, NZ, BR, AR, CL, CO, EC, EG, HK, IL, IN, IS, JP, KR, MX, MY, PE, PH, PL, PT, RU, SE, SG, SI, SK, TH, TR, TW, UA, US, VN, ZA		
JP 200609086	A	20060927	JP 2004-288062	20041006 (---)
CA 233267	A1	20060913	CA 2003-233267	20040712 (---)
SE 200604096	A1	20060929	SE 2004-066409	20040712 (---)
JP 6626496	IG	20061007		
FI 2006-211695	A	20060913		
FI 2006-211695	A	20060913		
GE MARPAT 126-100222				
AS N-acylpyrrolidines: 6CN(Ra)(Rb)(Rc)-N(Rd)(Rf) [I]; R1 = alk(en)yl, haloalkyl, alkox, phenylalkyl, benzylalkox, R = H, halo, alk(en)yl, haloalkyl, alkox, Ph, PhEt, CH ₃ , N,N-trialkylamino, etc.; i, j = 0-1 were manufactured by N-acylation of pyrrolidines 6CN(Ra)(Rb)(Rc)-N(Rd)(Rf) (X, a as above) with acid anhydrides 6(Rd)(Rf) (R1 as above) or acid chlorides 6(Rd)(Rf) (R1 as above, 2 = halo) in the presence of an alkali metal compound or an alkali earth metal compound N-substituted derivatives of 1 6CN(Ra)(Rb)(Rc)-N(Rd)(Rf) (R1 = alk(en)yl, alkynyl; R1, R, X as above) were manufactured by N-alkylation of N-acylpyrrolidines I with compounds R2(R3) (R = leaving group, R2 as above). For example, adding 22.10 g of THF solution containing 1.00 g of 2-methylamine to the cooled suspension of 1.50 g of 6CN(Ra)(Rb)(Rc)-N(Rd)(Rf) in 50 mL of THF, stirring for 10 min, allowing to stand at ambient temperature and stirring for 50 min, adding 6.25 g THF solution containing 3.41 g of 6(Rd)(Rf) at ambient temperature and stirring for 2.5 gave 6CN 2-6CN(Rd)(Rf) (R1 = alk(en)yl, alkynyl).				
IT 38871-52-19	RE: IMP (Industrial manufacture): PREP (Preparation)			
IT 38871-52-19	Manufacture of N-acylpyrrolidine derivative			
IN 38871-52-19 CAPLID				
ON Carboxylic acid, (4-methyl-1-naphthalenyl)-, 1,1-dimethylethyl ester (SCI)				
CA INDEX NAME				



RE: ONT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORDAT

L16 ANWER 6 OF 106 CAPLID: COPYRIGHT 2006 ACS on STN

AN 2000-815600 CAPLID
 IN 133-100262
 T1 Preparation of 6-haloalkyl-3-(substituted amino)-1,2,4-triazine-5-ones, their intermediates, and their use as microbicides, insecticides, and herbicides
 IN Kishida, Masahito; Ohta, Chikaho; Natsuno, Fumitsugu; Fukuchi, Toshiki; Kawachi, Ritsui; Takahashi, Kenjiro
 PA Mitsubishi Chemical Corp., Japan
 SO Shin. Kokai, Kokoro Boku, 45 pp.
 EP 00089-EP121W
 Patent
 LA Japanese
 PAN ON

PATENT NO	KIND	DATE	APPLICATION NO	DATE
FI 2000018488	A	20000121	JP 1999-120657	19990611 (---)
FI 1999-120657	A	19990611		
GE MARPAT 133-100262				
IT 38871-52-19				



AS Title compound: I (R1 = 1,4-haloalkyl; R2 = H, Cl-10 alkyl, C2-6 alkyl, C2-6 alkenyl, C2-6 cycloalkyl, C2-6 cycloalkenyl, etc.; R3 = H, C2-6 alkyl, C2-6 alkenyl, C2-6 alkenyl, C2-6 haloalkenyl, etc.; R4 = haloalkyl, C2-6 haloalkenyl, C2-6 haloalkenyl, C2-6 haloalkenyl, etc.) are prepared. 2-Substituted-1,2,4-triazine-5-one (I, 0.01 g) was reacted with 1.00 g of methyl-3-methylthio-5-trifluoromethyl-1,2,4-triazine-5-one in DMF in the presence of NaH at room temperature for 30 min to give 1.70 g of I (R1 = C2-6, R2 = H, R3 = H, R4 = 4-methyl-3-methylthio-5-trifluoromethyl-1,2,4-triazine-5-one) showing good insecticidal activity.

IT 38871-52-19
 RE: AG (Agricultural use), BA (Biological activity or effector, except adverse), BU (Biological study, unclassified), CN (Genetic preparation), HO (Biological study), PREP (Preparation), SEBS (Uses) (Preparation of haloalkyl-substituted amino triazines for microbicides, insecticides, and herbicides)

IN 38871-52-19 CAPLID

ON 1,2,4-triazine-5-one, 6-methyl-2-[(4-methyl-1-naphthalenyl)amino]-6-trifluoromethyl-5- (CA INDEX NAME)

L16 ANWER 6 OF 106 CAPLID: COPYRIGHT 2006 ACS on STN (Continued)



L16 ANCHOR 3 OF 105 CAPSIS COPYRIGHT 2006 ACS ON STN
IN 2000-278665 CAPSIS
IN 132-306700
T1 Amide group-containing azo compounds with good resistance to heat, light,
moisture and solvent and dicarboxyamphibolic compounds for their manufacture
IN Ueno, Ryuzo; Kitayama, Masaya; Minami, Kenji; Kawanishi, Shiroki
E Kabushiki Kaisha Ueno Seiyaku Gyo Kenkyukai, Japan
S9 PCT Int Appl., 76 pp
OOBEN FIXED
DE Patent
LA Japanese
SAM OFF

PATENT NO.		ICND	NOV	APPLICANT	NO.	DATE
PI	2000062626	AI	00090477	NO	1200-77456	199904-4
	7 F, CA, CN, DE, ES, FR, GB, JP, KR, NL, PT, SE, SI, US					
	CA 2124447	AI	00090477	NO	1200-77456	199904-4
	EP 1049494	AI	00090477	NO	1200-77456	199904-4
	US 644949	AI	00090477	NO	1200-77456	199904-4
	CA 2124447	AI	00090477	NO	1200-77456	199904-4
	EP 1049494	AI	00090477	NO	1200-77456	199904-4
	US 644949	AI	00090477	NO	1200-77456	199904-4
	CA 2124447	AI	00090477	NO	1200-77456	199904-4
	EP 1049494	AI	00090477	NO	1200-77456	199904-4
PRAL	1000-18611	C	00021802	NO	1000-90077	199904-4
	1000-18612	C	00021802	NO	1000-90077	199904-4
	1000-18613	C	00021802	NO	1000-90077	199904-4
	1000-18614	C	00021802	NO	1000-90077	199904-4
	1000-18615	C	00021802	NO	1000-90077	199904-4
	1000-18616	C	00021802	NO	1000-90077	199904-4
	1000-18617	C	00021802	NO	1000-90077	199904-4
	1000-18618	C	00021802	NO	1000-90077	199904-4
	1000-18619	C	00021802	NO	1000-90077	199904-4
	1000-18620	C	00021802	NO	1000-90077	199904-4

[illegible]

17	265350-45-4P	<p>Resin (Industrial manufacture); PEP (Properties); Resin (Technical or engineered material use); PEP (Preparation); USGS (Use)</p> <p>(Glyc. manufacture of amide group-containing amide compds. for colorants with good resistance to heat, light, moisture and solvent)</p>
18	265352-48-4, CAPUS	
19	265353-42-4, CAPUS	
20	265354-42-4, CAPUS	
21	265355-42-4, CAPUS	
22	265356-42-4, CAPUS	
23	265357-42-4, CAPUS	
24	265358-42-4, CAPUS	
25	265359-42-4, CAPUS	
26	265360-42-4, CAPUS	
27	265361-42-4, CAPUS	
28	265362-42-4, CAPUS	
29	265363-42-4, CAPUS	
30	265364-42-4, CAPUS	
31	265365-42-4, CAPUS	
32	265366-42-4, CAPUS	
33	265367-42-4, CAPUS	
34	265368-42-4, CAPUS	
35	265369-42-4, CAPUS	
36	265370-42-4, CAPUS	
37	265371-42-4, CAPUS	
38	265372-42-4, CAPUS	
39	265373-42-4, CAPUS	
40	265374-42-4, CAPUS	
41	265375-42-4, CAPUS	
42	265376-42-4, CAPUS	
43	265377-42-4, CAPUS	
44	265378-42-4, CAPUS	
45	265379-42-4, CAPUS	
46	265380-42-4, CAPUS	
47	265381-42-4, CAPUS	
48	265382-42-4, CAPUS	
49	265383-42-4, CAPUS	
50	265384-42-4, CAPUS	
51	265385-42-4, CAPUS	
52	265386-42-4, CAPUS	
53	265387-42-4, CAPUS	
54	265388-42-4, CAPUS	
55	265389-42-4, CAPUS	
56	265390-42-4, CAPUS	
57	265391-42-4, CAPUS	
58	265392-42-4, CAPUS	
59	265393-42-4, CAPUS	
60	265394-42-4, CAPUS	
61	265395-42-4, CAPUS	
62	265396-42-4, CAPUS	
63	265397-42-4, CAPUS	
64	265398-42-4, CAPUS	
65	265399-42-4, CAPUS	
66	265400-42-4, CAPUS	
67	265401-42-4, CAPUS	
68	265402-42-4, CAPUS	
69	265403-42-4, CAPUS	
70	265404-42-4, CAPUS	
71	265405-42-4, CAPUS	
72	265406-42-4, CAPUS	
73	265407-42-4, CAPUS	
74	265408-42-4, CAPUS	
75	265409-42-4, CAPUS	
76	265410-42-4, CAPUS	
77	265411-42-4, CAPUS	
78	265412-42-4, CAPUS	
79	265413-42-4, CAPUS	
80	265414-42-4, CAPUS	
81	265415-42-4, CAPUS	
82	265416-42-4, CAPUS	
83	265417-42-4, CAPUS	
84	265418-42-4, CAPUS	
85	265419-42-4, CAPUS	
86	265420-42-4, CAPUS	
87	265421-42-4, CAPUS	
88	265422-42-4, CAPUS	
89	265423-42-4, CAPUS	
90	265424-42-4, CAPUS	
91	265425-42-4, CAPUS	
92	265426-42-4, CAPUS	
93	265427-42-4, CAPUS	
94	265428-42-4, CAPUS	
95	265429-42-4, CAPUS	
96	265430-42-4, CAPUS	
97	265431-42-4, CAPUS	
98	265432-42-4, CAPUS	
99	265433-42-4, CAPUS	
100	265434-42-4, CAPUS	

LL6	ANCMER 5 OF 106 CAPLUS	COPYRIGHT 2006 ACS on STN		
LN	1906-180619 CAPLUS			
LN	125 423659			
ORF2	125 452294, 452324			
TI	Attached IR- and Raman-detectable tags for use in combinatorial chemistry			
PA	Kozlowski, Jill Brie; Sowa, Thomas J.; Norbeck, Daniel W.; Grillo, Anne-Laure Marie; Swenson, Rolf S.			
PA	Abstract Laboratories, IEA			
DO	PCT Int. Aust. 79 50			
DO	CODEN FIKXGJ			
DT	Patent			
LA	English			
LAN	CN 2			
	INVENT. NO.	INVENT. DATE	ABSTRACT NO.	DATE

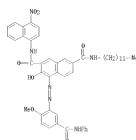
PI	FRUITING DATE	STAGE	DATE	FRUITING DATE	STAGE
PI	NO 0811066	A1	19060819	NO 1907-1519075	19070920 (-)
	W CA, JP, MX	CH	DK, SS, PT	FR, GR, GR, IR, IT, LI, MC, NL, PT, SE	
	US 03245490	B1	19060810	JP 1907-025500	19070908 (-)
	EP 8762119	A1	19961120	JP 1997-941490	19970910 (-)
	EP 8762129	A1	19060801		
	E AT, BE, BR, CH, DE, ES, FR, GR, IT, LI, NL	AT	19060015	AT 1967-941490	19070910 (-)
	US 1906-021474	A	19060810	JP 1906-513890	19070910 (-)
FRUIT	US 1906-112170	A	19060913		
	US 1907-923208	A	19070906		

[illegible]

IT 204919-73-3, 4-[(4-Cyano-1-naphthyl)amino]-4-oxobutanoic acid
 RL ANT (Analyte), NUJ (Other use, unclassified), PRP (Properties), RCT
 (Reactant), ANST (Analytical study), RACT (Reactant or reagent), USES
 (Uses)
 (tag, attached IR- and Raman-detectable tags as coding identifiers for

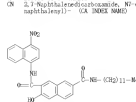
RV	204919-73-3	CAFLIS	
CN	Butanoic acid, 4-[[4-cyano-1-naphthalenyl]amino]-4-oxo-	(CA INDEX NAME)	

L16 ARXIV 7 OF 106 CAPSULE COPYRIGHT 2006 ACS on STM (Continued)



IT 245331-81-SP
RL: IMP (Industrial manufacture); SCL (Reactant); PREP (Preparation); SACT
(Reactant or reagent)
(intermediate; reaction in manufacture of ano compds for colorants with

good resistance to heat, light, moisture and solvent)



RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD

L16 ANSWER 8 OF 105 CAPLUS COPYRIGHT 2008 ACS on STM (Continued)



RE. CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 15 OF 105 CAPLUS COPYRIGHT 2009 ACS on STM



00 130412250 Arabic
 01 121-173209
 081P 121-120637a, 99460a
 T1 Test swab device and method of detecting lead, mercury, arsenic, and
 bismuth
 IN Stone, Marcia J.
 FA HybriVet Systems, Inc., USA
 SO U.S., 37 sp. Cont.-in-part of U.S. Ser. No. 709,961, abandoned.
 0000V USCLAM
 DT Patent
 LA English

PART 4					
	PATIENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5350907	A	19940719	US 1991-765012	19910827 <-
	US 5270975	A	19940911	US 1990-18927	19920110 <-
	US 5366790	A	19941115	US 1990-156625	19931124 <-
	US 5510061	A	19960827	US 1994-525149	19941020 <-
PRAI	US 1989-506223	EG	19900802		
	US 1990-600488	A1	19900826		
	US 1991-109991	EG	19910604		
	US 1991-156612	A5	19910827		

AB A swab is impregnated with a test reagent such that a test for a substance can be effected by rubbing the impregnated swab over the surface to be tested and then viewing the swab for a reagent reaction. A method for testing for a substance involves impregnating a swab with a reagent, and rubbing the swab over a surface suspected of containing the substance. If the substance is present in the surface, a reaction with the substance produces an easily detectable color on the swab tip.

IT	proceeds in <i>ortho</i> direction only on the weak tip. E2006-S7-5 RL: ANST (Analytical study) (reagent containing, in test swabs for metal detection)
SN	E2006-S7-5 CAPLUS
CN	1-Triarene, 1-(4-nitro-1-naphthalenyl)-3-[(phenylamino)phenyl]- (BCI) (CA INDEX NAME)


$$\text{DQ}-\text{N}=\text{N}-\text{FQ}$$


L16 ANSWER 34 OF 105 CAPLUS COPYRIGHT 2008 ACS on STN

IN	1994-108817	CAPLUS
IN	121-108817	
ORF	121-108818	1995a
Preparation of 2-(arilamino)pyrimidine derivatives as herbicides and plant growth regulators		
IN	Kawamura, Yasuo; Setow, Jun-Ōya, Eisichi, Itoh, Kazuo; Kita, Hiroshi; Nakata, Hisashi; Fujish, Kenzo; Kawano, Naomaki; Tsutsumi, Yoji; Senichi; et al.	
PA	Nissan Chemical Industries, Ltd., Japan	
50	PCT Int. Appl. 243 pp.	
	NOBEN P11X22	
DE	Patent	
LA	Japanese	
IN	JAN 95	

[illegible]

OS 0516494	A	19900421	OS 19910110000	199101000
PRAT JP 1990-06441	A	19900415		
JP 1990-022657	A	19900801		
JP 1990-034141	A	19901200		
JP 1990-00356	A	19900319		
WO 1990-JP480	A	19900415		
OS CASREACT 121-109817, HARPAT 121-109817				
02				



Table compounds: $R_1 = \text{haloalkyl, alkyl, cycloalkyl, alkene},$
 $\text{haloalkenyl, etc.}; R_2 = \text{H, halo, alkyl, haloalkyl, nitro, etc.}; R_3 = \text{alkyl,}$
 $\text{alkenyl, alkynyl, cycloalkyl, etc.}; R_4 = \text{H, alkyl, alkenyl, alkynyl,}$
 $\text{haloalkyl, haloalkenyl, etc.}; X = \text{O, S, C} = \text{O (unsaturated Ph)}$
 $\text{unsaturated naphthyl}^1$ and $\text{unsaturated benzyl}^2$ groups.
 $2\text{-methyl-2-(methoxycarbonyl)-6-(3-(trifluoromethyl)-4-(2S)-pyrazidinomethyl-}$
 $4\text{-chloro-2-fluoromethylidene)}\text{-1,3,6\text{-hexatriene}$ containing Na^+ was heated at 100°C
 and 10 mm Hg for 10 hr. The temperature overnight to give I ($R_1 =$
 CF_3 , $R_2 = \text{H}$, $R_3 = \text{Me}$, $X = \text{O}$, $R_4 = \text{2-fluoro-6-chlorophenyl}$). This at
 2.5 kJ/hr effected 100% H^+ against C^+ groups.

17 186111-26-1P
RL AGR (Agricultural use), BAC (Biological activity or effector, except adverse), BSU (Biological study, unclassified), SPN (Synthetic preparation), BZOL (Biological study), PRSP (Preparation), USES (Uses) (preparation of, at herbicide and plant growth regulator)

CN 4(3H)-Perimidinone, 2-[(4-chloro-1-naphthalenyl)amino]-3-methyl-6-

L16 ANSWER 14 OF 105 CAPLUS COPYRIGHT 2008 ACS on STM (Continued)



L16 NUMBER 17 OF 106 CAPLUS CONFIDENT 2008 ACS on STN
AN 1995-200506 CAPLUS
IN 119-595906
ORIP 119-558864, 55881a
IT 1,6-naphtholamine derivatives and aromatic amines for enzyme immunoassaying
DE Yonakshi, Mendelish
PA Enrica Co., Japan
JP Kokai, Shigeo Kishi, 10 pp.
COPEN, TOKYO
JP Patent
LA Japanese
PAN CH, LA

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI 97 0600200	A	1996/06/08	JP 1995-150029	1996/06/24
FRAT 97 199-150029				
Q 634187 119-208506				

AS Naphtholamine derivative and aromatic amines are used in enzyme immunoassaying to provide safety. Low capillary (100), lightweight, and high sensitivity for accurate diagnosis. The color image generated with the title compound is tracked with metal ions to become organic solvent-resistant. For diagnosis of cancer of the large intestine, two chromogenic amines containing a naphtholamine aniline and N-ethyl-N-(4-methylbenzimidazole)-2-methyl-2-iminodimethyl (D/D hydroquinone) were tested using rabbit anti-CA antibody and peroxidase-labeled goat anti-rabbit IgG antibody. The stain was treated with ferric chloride and hexamethylenecobalt chloride to generate a long-lasting change.

IT 167261-96-2
RE ANAL (analytical study)
KE Aromatic amines and metal ion and, for enzyme immunoassaying
IN 147041-96-1 CAPLUS
CN Benzeneimidazole, N-(4-chloro-1-naphthalenyl)- (CA INDEX NAME)

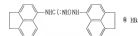


L16 NUMBER 18 OF 106 CAPLUS CONFIDENT 2008 ACS on STN
AN 1995-190645 CAPLUS
IN 119-600645
ORIP 119-14177a, 14190a
IT Preparation of substituted guanidines and derivatives as modulators of neurotransmitter release and novel methodology for identifying neurotransmitter release blockers
IN Goldin, Stanley M.; Katsragadda, Subbarao; Bh, Lavin Ten; Reddy, M. Laksh; Fischer, James B.; Rouns, Andrew; Sainetti, Margolita; Lee David
PA Cambridge Neuroscience, Inc., USA
JP PCT Int. Appl. 164 pp.
COPEN, FILIZI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI 97 0614690	A1	1996/06/08	WO 1995-010659	1995/03/10
FRAT 97 199-150029				
Q 634187 119-208506				

AS Naphtholamine derivative and aromatic amines are used in enzyme immunoassaying to provide safety. Low capillary (100), lightweight, and high sensitivity for accurate diagnosis. The color image generated with the title compound is tracked with metal ions to become organic solvent-resistant. For diagnosis of cancer of the large intestine, two chromogenic amines containing a naphtholamine aniline and N-ethyl-N-(4-methylbenzimidazole)-2-methyl-2-iminodimethyl (D/D hydroquinone) were tested using rabbit anti-CA antibody and peroxidase-labeled goat anti-rabbit IgG antibody. The stain was treated with ferric chloride and hexamethylenecobalt chloride to generate a long-lasting change.

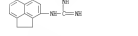
IT 167261-96-2
RE ANAL (analytical study)
KE Aromatic amines and metal ion and, for enzyme immunoassaying
IN 147041-96-1 CAPLUS
CN Benzeneimidazole, N-(4-chloro-1-naphthalenyl)- (CA INDEX NAME)



AS 1995-190645 CAPLUS CONFIDENT 2008 ACS on STN
IN Goldin, Stanley M.; Katsragadda, Subbarao; Bh, Lavin Ten; Reddy, M. Laksh; Fischer, James B.; Rouns, Andrew; Sainetti, Margolita; Lee David
PA Cambridge Neuroscience, Inc., USA
JP PCT Int. Appl. 164 pp.
COPEN, FILIZI



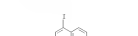
L16 NUMBER 19 OF 106 CAPLUS CONFIDENT 2008 ACS on STN (Continued)
AN 1995-190645 CAPLUS
IN 119-600645
ORIP 119-14177a, 14190a
IT Preparation of substituted guanidines and derivatives as modulators of neurotransmitter release and novel methodology for identifying neurotransmitter release blockers
IN Goldin, Stanley M.; Katsragadda, Subbarao; Bh, Lavin Ten; Reddy, M. Laksh; Fischer, James B.; Rouns, Andrew; Sainetti, Margolita; Lee David
PA Cambridge Neuroscience, Inc., USA
JP PCT Int. Appl. 164 pp.
COPEN, FILIZI



L16 NUMBER 20 OF 106 CAPLUS CONFIDENT 2008 ACS on STN (Continued)
AN 1995-190645 CAPLUS
IN 119-600645
ORIP 119-14177a, 14190a
IT Preparation of substituted guanidines and derivatives as modulators of neurotransmitter release and novel methodology for identifying neurotransmitter release blockers
IN Goldin, Stanley M.; Katsragadda, Subbarao; Bh, Lavin Ten; Reddy, M. Laksh; Fischer, James B.; Rouns, Andrew; Sainetti, Margolita; Lee David
PA Cambridge Neuroscience, Inc., USA
JP PCT Int. Appl. 164 pp.
COPEN, FILIZI



L16 NUMBER 21 OF 106 CAPLUS CONFIDENT 2008 ACS on STN (Continued)
AN 1995-190645 CAPLUS
IN 119-600645
ORIP 119-14177a, 14190a
IT Preparation of substituted guanidines and derivatives as modulators of neurotransmitter release and novel methodology for identifying neurotransmitter release blockers
IN Goldin, Stanley M.; Katsragadda, Subbarao; Bh, Lavin Ten; Reddy, M. Laksh; Fischer, James B.; Rouns, Andrew; Sainetti, Margolita; Lee David
PA Cambridge Neuroscience, Inc., USA
JP PCT Int. Appl. 164 pp.
COPEN, FILIZI



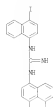
L16 NUMBER 22 OF 106 CAPLUS CONFIDENT 2008 ACS on STN (Continued)
AN 1995-190645 CAPLUS
IN 119-600645
ORIP 119-14177a, 14190a
IT Preparation of substituted guanidines and derivatives as modulators of neurotransmitter release and novel methodology for identifying neurotransmitter release blockers
IN Goldin, Stanley M.; Katsragadda, Subbarao; Bh, Lavin Ten; Reddy, M. Laksh; Fischer, James B.; Rouns, Andrew; Sainetti, Margolita; Lee David
PA Cambridge Neuroscience, Inc., USA
JP PCT Int. Appl. 164 pp.
COPEN, FILIZI



L16 NUMBER 23 OF 106 CAPLUS CONFIDENT 2008 ACS on STN (Continued)
AN 1995-190645 CAPLUS
IN 119-600645
ORIP 119-14177a, 14190a
IT Preparation of substituted guanidines and derivatives as modulators of neurotransmitter release and novel methodology for identifying neurotransmitter release blockers
IN Goldin, Stanley M.; Katsragadda, Subbarao; Bh, Lavin Ten; Reddy, M. Laksh; Fischer, James B.; Rouns, Andrew; Sainetti, Margolita; Lee David
PA Cambridge Neuroscience, Inc., USA
JP PCT Int. Appl. 164 pp.
COPEN, FILIZI



L16 ANKER 16 0F 106 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)



17 408-36-6
 RE: ACT (Acetate); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 preparation and reaction with fluoronaphthylamine)
 RN 408-36-6 CAPLUS
 CN 1-Naphthalenamine, 4-fluoro-, hydrochloride (XCI) (CA INDEX NAME)



● XCI

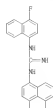
17 14000-65-9P 14000-66-6P
 RE: SPN (Synthetic preparation); PREP (Preparation)
 preparation of as neurotransmitter modulator)
 RN 14000-65-9, CAPLUS
 CN 1-Naphthalenamine, 4-fluoro-, hydrochloride (XCI) (CA INDEX NAME)

L16 ANKER 18 0F 106 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)



● XCI

18 14000-66-0 CAPLUS
 CN 1-Naphthalenamine, 4-fluoro-, hydrochloride (XCI) (CA INDEX NAME)



● XCI

L16 ANKER 19 0F 106 CAPLUS COPYRIGHT 2009 ACS on STN

AS 1992-050774 CAPLUS
 CN 117 88774
 QREP 117 10021a,10024a
 TN Silver halide color photographic material
 TN Torayda, Nagasaki
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 27 JP

COGEN 734442

JP Patent

JAN 017

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

FI JP 05342644

PUB. JP 19940009

Q1

R1000A

1

AS

In a Ar halide photo-

emulsion layer(s), the emulsion layer(s) contains a2 complex 1 (R1

= allylatic group, aromatic group, heterocyclic group; Ar = aromatic group, R = H

or group releasable upon the reaction with an aromatic primary amine

developer; R1 and/or Ar being different for different couplers), and a

hydrophobic organic solvent so a weight ratio with respect to the complex

the material has an improved color-image stability.

140211-04-6

RE: (USE: (use)

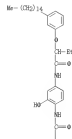
Cross photos. couplers)

RN 140211-04-6 CAPLUS

CN 1-Naphthalenamine, 4-fluoro-, hydrochloride (XCI) (CA INDEX NAME)

L16 ANKER 19 0F 106 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

PAGE 1-A



PAGE 2-A



L16 ANKER 22 09 105 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

L16 ANKER 22 09 105 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 1992 6405 CAPLUS
 IN 116 4005
 ORIP 116 1201a, 1201a
 IT Process for the preparation of aromatic amines
 IN Mahana, Wojcieszak, Malecki, Maciej
 PL Bayer A.-G., Germany
 SO Eur. Pat. Appl., 6 pp
 COOP EP1010
 DT Patent
 LA German
 PAN CNT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 625886	A1	19901009	EP 1901 105749	19910411 (---)
EP 625886	A2	19900804		
EP 625886	B	19900516		
EP 625886	E, CL, DE, FR, GB, IT, JP	19900516		
PL 625890	B1	19900628	PL 1900-284936	19900625 (---)
US 6242509	A	19901116	US 1990 062510	19910109 (---)
JP 64221953	A	19900816	JP 1990-116752	19910417 (---)
FRAT PL 1900-284936	A	19900516		
GE CASREACT 116 6405, BASFAT 116 6405				
AS A process for the preparation of aromatic amines comprises the treatment of substituted nitroarenes with organic sulfonamides. A sulfonamide anion is formed in the presence of base and forms an adduct with the nitroarene which then undergoes an elimination reaction. The elimination is regioselective. Thus, 2-chloro-4-nitrobenzenesulfonamide, 5-nitro-2'-phenylthioacetamide, 4-ethoxy-5-nitro-2'-naphthylamine are treated. Addition of 1-nitronaphthalene (3.5 g) and N,N-tetrahydro-2H-benzothiazol-2-ylamine (3.3 g) in DMF (15 mL) to a suspension of 800 g (6 g) in DMSO (50 mL) gave 4-nitro-1-naphthylamine in 17% yield and 1-nitro-2-naphthylamine in 28% yield. Treatment of 1-nitronaphthalene with 2-bromobenzeneisothiourea gave 6-nitro-1-naphthylamine and 7-nitro-2-naphthylamine.				
IT 121890-36-40				
RE: SYN (Synthetic preparation); PREP (Preparation)				
OR Preparation of:				
IN 121890-36-40 CAPLUS				
ON 1-Naphthylamine, 4-nitro-N-phenyl- (CA INDEX NAME)				



L16 ANKER 24 09 105 CAPLUS COPYRIGHT 2009 ACS on STN

L16 ANKER 24 09 105 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 1991 079503 CAPLUS
 IN 116 47050a, 47051a
 ORIP 116 219503
 IT Preparation of bis(arylamino)ethanolamine and analogs
 IN Bruchel, Parnett, acid (SMA), receptor antagonists
 IN Atkinson, Pajzo, Saito, Igarashi, Ohashi, Nishito, Nagata, Ryu
 PL Sumitomo Pharmaceutical Co., Ltd., Japan
 SO Eur. Pat. Appl., 43 pp
 COOP EP1010
 DT Patent
 LA British
 PAN CNT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 442862	A1	19900928	EP 1901-501417	19910622 (---)
EP 442862	B, AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, NO, SE	19900928		
EP 04211949	A	19900904	EP 1901-497014	19910620 (---)
CA 2048781	A	19900823	CA 1901-5026781	19910621 (---)
JP 1990-45058	A	19900522		
FRAT BASFAT 116 219503				
GE				



AB Ar1NR1A1NR2A2NR3A3 [1, Ar1 = (m)-substituted aryl, 6-membered heterocycle containing 1-3 N, bicyclic heterocycle] having a 3-membered hetero ring fused to a benzene ring, etc.; Ar2 = (m)-substituted naphthyl, bicyclic heterocycle having a 3-membered hetero ring with 1-3 N atoms fused to a benzene ring, etc.; Ar3 = (m)-substituted allylphenyl, R1-R3 = H, alkyl, aryl, allylaryl, arylalkoxybenzyl, alkylalkoxybenzyl, aryl, and alkyl, useful in the prevention or treatment of apoptosis associated with cerebral ischemia or cerebral infarction, were prepared. A stirred mixture of transmontamine 0.1 g, [1, 2] N(CH2CH2OCH2CH2)2 O, and NaOH 0.2 g in 100 mL DMF was refluxed for 35.5 h to give 5.36 g title triamine which was converted to the HCl salt (17). It is more (soluble) NMDA-induced convulsions with ED50 = 18.6 mg/kg i.p., and is an in vitro competitive binding test with [3H]NMDA, IC50 had 5.59 of 1.3 nM. Approx. 25 h were prepared.

IT 121890-36-40
 RE: ACT (Reactant); SYN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 OR Preparation and reaction of, in preparation of methylglutamate receptor antagonists

IN 121890-36-40 CAPLUS
 ON 1,2-Bis(methylamino), N-(4-chloro-1-naphthyl)-N'-[2-[(4-chloro-1-naphthyl)amino]ethyl]- (UCI) (CA INDEX NAME)

L16 ANKER 24 09 105 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

PAGE 1-A



PAGE 2-A



IT 121890-36-40
 RE: SYN (Synthetic preparation); PREP (Preparation)
 OR Preparation of, as methylglutamate receptor antagonist
 IN 121890-36-40 CAPLUS
 ON 1,2-Bis(methylamino), N-(4-chloro-1-naphthyl)-N'-[2-[(4-chloro-1-naphthyl)amino]ethyl]-, trihydrochloride (UCI) (CA INDEX NAME)

L16 ANSWER 24 OF 105 CAPLUS COPYRIGHT 2000 ACS on STN (Continued)

DMEB 3-A

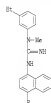


PAGE 2-A



L16 ANSWER 26 OF 105 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RX 137160-08-9 CAPLUS
 CN Guanidine, N-(3-ethylphenyl)-N'-(4-fluoro-1-naphthalenyl)-N-methyl- (CA
 INDEX NAME)



```

L16 ANWB98 25 00 105 CAPLIS COPYRIGHT 2000 ACS on STM
AN 1991-679630 CAPLIS
DN 115-279630
ORFF 115-47490a, 47502a
T1 Preparation of N-(1-naphthyl)guanidines and analogs
IN Weter, Edward; Keana, John F W
PA Oregon State Board of Higher Education, IEA
DO OCT Int. Appl., 73 pp.
ORFF 00000- FIKKX
W0 Patent
L4 English
BAN CH1.1

```

[illegible]

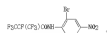
US 1996-258273 A1 US 19960601
AB MAPAT 118;2760
AB ROME(EN)NRIEIS(1:R=H)= alkynyl, (m)substituted (cyclo)alkyl,
 (cyclo)alkenyl, (hetero)aryl, heterocyclic; R2 may addn.: =H] were prepared
 from 5-ECHDMSN as N-methylated and the product condensed with
 L-threo-thiamine hydrochloride to give 5-EUCHDMSN(R)(NR2ES). R1, R2 =
 1-methylthio] had IC50 of 95.4 (units not given) for rat brain PCP
 receptor affinity.
T7 137160-00-0P

IT 137160-06-2P
RL: SPN (Synthetic preparation); PSEP (Preparation)

L16 ANSWER 26 OF 105 CAPLUS COPYRIGHT 2008 ACS on STM

IN 1961: 1367
 IN 115: 23187
 OSF 115: 29601a, 29604a
 TI Preparation of polyfluoroanilides as acaracides and insecticides
 IN Galeswicz, Robert Peter
 PA Eli Lilly and Co., USA
 SO Rom., 15 pp.
 OSOEN: SUKIA3
 DT Patent
 LA Romanian

PATENT NO.	KIND	DATE	AFFILIATION NO.	DATE
PI NO 90060	B1	19890915	NO 1996-123856	19960402 <==
PRAI NO 1996-122856		19960402		
OE MARPAT 115:231877				



AB Title compounds: **1** (R = C₂H₅), **2** (R = C₃H₇), **3** (R = C₄H₉), **4** (R = C₆H₁₃), **5** (R = C₈H₁₇), **6** (R = C₁₀H₂₁), **7** (R = C₁₂H₂₅), **8** (R = C₁₄H₂₉), **9** (R = C₁₆H₃₃), **10** (R = C₁₈H₃₇), **11** (R = C₂₀H₄₁), **12** (R = C₂₂H₄₅), **13** (R = C₂₄H₄₉), **14** (R = C₂₆H₅₃), **15** (R = C₂₈H₅₇), **16** (R = C₃₀H₆₁), **17** (R = C₃₂H₆₅), **18** (R = C₃₄H₆₉), **19** (R = C₃₆H₇₃), **20** (R = C₃₈H₇₇), **21** (R = C₄₀H₈₁), **22** (R = C₄₂H₈₅), **23** (R = C₄₄H₈₉), **24** (R = C₄₆H₉₃), **25** (R = C₄₈H₉₇), **26** (R = C₅₀H₁₀₁), **27** (R = C₅₂H₁₀₅), **28** (R = C₅₄H₁₀₉), **29** (R = C₅₆H₁₁₃), **30** (R = C₅₈H₁₁₇), **31** (R = C₆₀H₁₂₁), **32** (R = C₆₂H₁₂₅), **33** (R = C₆₄H₁₂₉), **34** (R = C₆₆H₁₃₃), **35** (R = C₆₈H₁₃₇), **36** (R = C₇₀H₁₄₁), **37** (R = C₇₂H₁₄₅), **38** (R = C₇₄H₁₄₉), **39** (R = C₇₆H₁₅₃), **40** (R = C₇₈H₁₅₇), **41** (R = C₈₀H₁₆₁), **42** (R = C₈₂H₁₆₅), **43** (R = C₈₄H₁₆₉), **44** (R = C₈₆H₁₇₃), **45** (R = C₈₈H₁₇₇), **46** (R = C₉₀H₁₈₁), **47** (R = C₉₂H₁₈₅), **48** (R = C₉₄H₁₈₉), **49** (R = C₉₆H₁₉₃), **50** (R = C₉₈H₁₉₇), **51** (R = C₁₀₀H₂₀₁), **52** (R = C₁₀₂H₂₀₅), **53** (R = C₁₀₄H₂₀₉), **54** (R = C₁₀₆H₂₁₃), **55** (R = C₁₀₈H₂₁₇), **56** (R = C₁₁₀H₂₂₁), **57** (R = C₁₁₂H₂₂₅), **58** (R = C₁₁₄H₂₂₉), **59** (R = C₁₁₆H₂₃₃), **60** (R = C₁₁₈H₂₃₇), **61** (R = C₁₂₀H₂₄₁), **62** (R = C₁₂₂H₂₄₅), **63** (R = C₁₂₄H₂₄₉), **64** (R = C₁₂₆H₂₅₃), **65** (R = C₁₂₈H₂₅₇), **66** (R = C₁₃₀H₂₆₁), **67** (R = C₁₃₂H₂₆₅), **68** (R = C₁₃₄H₂₆₉), **69** (R = C₁₃₆H₂₇₃), **70** (R = C₁₃₈H₂₇₇), **71** (R = C₁₄₀H₂₈₁), **72** (R = C₁₄₂H₂₈₅), **73** (R = C₁₄₄H₂₈₉), **74** (R = C₁₄₆H₂₉₃), **75** (R = C₁₄₈H₂₉₇), **76** (R = C₁₅₀H₃₀₁), **77** (R = C₁₅₂H₃₀₅), **78** (R = C₁₅₄H₃₀₉), **79** (R = C₁₅₆H₃₁₃), **80** (R = C₁₅₈H₃₁₇), **81** (R = C₁₆₀H₃₂₁), **82** (R = C₁₆₂H₃₂₅), **83** (R = C₁₆₄H₃₂₉), **84** (R = C₁₆₆H₃₃₃), **85** (R = C₁₆₈H₃₃₇), **86** (R = C₁₇₀H₃₄₁), **87** (R = C₁₇₂H₃₄₅), **88** (R = C₁₇₄H₃₄₉), **89** (R = C₁₇₆H₃₅₃), **90** (R = C₁₇₈H₃₅₇), **91** (R = C₁₈₀H₃₆₁), **92** (R = C₁₈₂H₃₆₅), **93** (R = C₁₈₄H₃₆₉), **94** (R = C₁₈₆H₃₇₃), **95** (R = C₁₈₈H₃₇₇), **96** (R = C₁₉₀H₃₈₁), **97** (R = C₁₉₂H₃₈₅), **98** (R = C₁₉₄H₃₈₉), **99** (R = C₁₉₆H₃₉₃), **100** (R = C₁₉₈H₃₉₇), **101** (R = C₂₀₀H₄₀₁), **102** (R = C₂₀₂H₄₀₅), **103** (R = C₂₀₄H₄₀₉), **104** (R = C₂₀₆H₄₁₃), **105** (R = C₂₀₈H₄₁₇), **106** (R = C₂₁₀H₄₂₁), **107** (R = C₂₁₂H₄₂₅), **108** (R = C₂₁₄H₄₂₉), **109** (R = C₂₁₆H₄₃₃), **110** (R = C₂₁₈H₄₃₇), **111** (R = C₂₂₀H₄₄₁), **112** (R = C₂₂₂H₄₄₅), **113** (R = C₂₂₄H₄₄₉), **114** (R = C₂₂₆H₄₅₃), **115** (R = C₂₂₈H₄₅₇), **116** (R = C₂₃₀H₄₆₁), **117** (R = C₂₃₂H₄₆₅), **118** (R = C₂₃₄H₄₆₉), **119** (R = C₂₃₆H₄₇₃), **120** (R = C₂₃₈H₄₇₇), **121** (R = C₂₄₀H₄₈₁), **122** (R = C₂₄₂H₄₈₅), **123** (R = C₂₄₄H₄₈₉), **124** (R = C₂₄₆H₄₉₃), **125** (R = C₂₄₈H₄₉₇), **126** (R = C₂₅₀H₅₀₁), **127** (R = C₂₅₂H₅₀₅), **128** (R = C₂₅₄H₅₀₉), **129** (R = C₂₅₆H₅₁₃), **130** (R = C₂₅₈H₅₁₇), **131** (R = C₂₆₀H₅₂₁), **132** (R = C₂₆₂H₅₂₅), **133** (R = C₂₆₄H₅₂₉), **134** (R = C₂₆₆H

IT 106923-67-99
RL: SPN (Synthetic preparation); PREP (Preparation)

ON Propanamide, 2,3,3,3-tetrafluoro-N-(4-nitro-1-naphthalenyl)-2-(trifluoromethyl)- (CA INDEX NAME)



L16 ANKER 27 0F 106 CAPUS COMRIGHT 2000 ACS ON STM

AS 1991-471647 CAPUS

IN 115-17647

QIP 115-12566a,12566a

T1 Preparation of quinazoline derivatives as neuroleptics

IN Hozumi, Tamer, Jacobson, Paul; Nielsen, Pleming Kheind; Narum, Lars

A Biomediscult Systems, Den

SO Bur Pat Appl, 15 pp.

QIDN 176108

JF Patent

PAN 011

PATENT NO.

RIND

DATE

APPLICATION NO.

DATE

115-17647

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

115-12566a

L16 ANKER 27 0F 106 CAPUS COMRIGHT 2000 ACS ON STM (Continued)

antagonism of muscarinic-stimulated efflux of 3H-4ABA from rat cortical neurons in vitro was 0.43 pg/ml. Note: add'l. synthesis and overall

1520 (0.22-0.41 pg/ml) and Ki (0.1-0.16 pg/ml) values were reported

17 15220-84-7, 4-Cyano-1-naphthalenemethanol

RE RCT (Chemical, SYN (Synthetic preparation), PREP (Preparation), RACT

(Reaction or reaction), in preparation of fused quinazolinone

derivative)

18 15220-84-7 CAPUS

ON Acetic acid, 2-(4-cyano-1-naphthalenyl)amino-2-oxo-, ethyl ester (CA

INDEX NAME)



AS Quinazolinone derivative. I [R1 = OH, alkoxyl, arylalkyl, aralkoxyl, aralkylalkoxyl, cycloalkoxyl, aralkoxyl, aralkyl, R2 = H, alkyl, R3 = H, alkyl, R4 = H, alkyl, R5 = H, alkyl, R6 = H, alkyl, R7 = H, alkyl, R8 = H, alkyl, R9 = H, alkyl, R10 = H, alkyl, R11 = H, alkyl, R12 = H, alkyl, R13 = H, alkyl, R14 = H, alkyl, R15 = H, alkyl, R16 = H, alkyl, R17 = H, alkyl, R18 = H, alkyl, R19 = H, alkyl, R20 = H, alkyl, R21 = H, alkyl, R22 = H, alkyl, R23 = H, alkyl, R24 = H, alkyl, R25 = H, alkyl, R26 = H, alkyl, R27 = H, alkyl, R28 = H, alkyl, R29 = H, alkyl, R30 = H, alkyl, R31 = H, alkyl, R32 = H, alkyl, R33 = H, alkyl, R34 = H, alkyl, R35 = H, alkyl, R36 = H, alkyl, R37 = H, alkyl, R38 = H, alkyl, R39 = H, alkyl, R40 = H, alkyl, R41 = H, alkyl, R42 = H, alkyl, R43 = H, alkyl, R44 = H, alkyl, R45 = H, alkyl, R46 = H, alkyl, R47 = H, alkyl, R48 = H, alkyl, R49 = H, alkyl, R50 = H, alkyl, R51 = H, alkyl, R52 = H, alkyl, R53 = H, alkyl, R54 = H, alkyl, R55 = H, alkyl, R56 = H, alkyl, R57 = H, alkyl, R58 = H, alkyl, R59 = H, alkyl, R60 = H, alkyl, R61 = H, alkyl, R62 = H, alkyl, R63 = H, alkyl, R64 = H, alkyl, R65 = H, alkyl, R66 = H, alkyl, R67 = H, alkyl, R68 = H, alkyl, R69 = H, alkyl, R70 = H, alkyl, R71 = H, alkyl, R72 = H, alkyl, R73 = H, alkyl, R74 = H, alkyl, R75 = H, alkyl, R76 = H, alkyl, R77 = H, alkyl, R78 = H, alkyl, R79 = H, alkyl, R80 = H, alkyl, R81 = H, alkyl, R82 = H, alkyl, R83 = H, alkyl, R84 = H, alkyl, R85 = H, alkyl, R86 = H, alkyl, R87 = H, alkyl, R88 = H, alkyl, R89 = H, alkyl, R90 = H, alkyl, R91 = H, alkyl, R92 = H, alkyl, R93 = H, alkyl, R94 = H, alkyl, R95 = H, alkyl, R96 = H, alkyl, R97 = H, alkyl, R98 = H, alkyl, R99 = H, alkyl, R100 = H, alkyl, R101 = H, alkyl, R102 = H, alkyl, R103 = H, alkyl, R104 = H, alkyl, R105 = H, alkyl, R106 = H, alkyl, R107 = H, alkyl, R108 = H, alkyl, R109 = H, alkyl, R110 = H, alkyl, R111 = H, alkyl, R112 = H, alkyl, R113 = H, alkyl, R114 = H, alkyl, R115 = H, alkyl, R116 = H, alkyl, R117 = H, alkyl, R118 = H, alkyl, R119 = H, alkyl, R120 = H, alkyl, R121 = H, alkyl, R122 = H, alkyl, R123 = H, alkyl, R124 = H, alkyl, R125 = H, alkyl, R126 = H, alkyl, R127 = H, alkyl, R128 = H, alkyl, R129 = H, alkyl, R130 = H, alkyl, R131 = H, alkyl, R132 = H, alkyl, R133 = H, alkyl, R134 = H, alkyl, R135 = H, alkyl, R136 = H, alkyl, R137 = H, alkyl, R138 = H, alkyl, R139 = H, alkyl, R140 = H, alkyl, R141 = H, alkyl, R142 = H, alkyl, R143 = H, alkyl, R144 = H, alkyl, R145 = H, alkyl, R146 = H, alkyl, R147 = H, alkyl, R148 = H, alkyl, R149 = H, alkyl, R150 = H, alkyl, R151 = H, alkyl, R152 = H, alkyl, R153 = H, alkyl, R154 = H, alkyl, R155 = H, alkyl, R156 = H, alkyl, R157 = H, alkyl, R158 = H, alkyl, R159 = H, alkyl, R160 = H, alkyl, R161 = H, alkyl, R162 = H, alkyl, R163 = H, alkyl, R164 = H, alkyl, R165 = H, alkyl, R166 = H, alkyl, R167 = H, alkyl, R168 = H, alkyl, R169 = H, alkyl, R170 = H, alkyl, R171 = H, alkyl, R172 = H, alkyl, R173 = H, alkyl, R174 = H, alkyl, R175 = H, alkyl, R176 = H, alkyl, R177 = H, alkyl, R178 = H, alkyl, R179 = H, alkyl, R180 = H, alkyl, R181 = H, alkyl, R182 = H, alkyl, R183 = H, alkyl, R184 = H, alkyl, R185 = H, alkyl, R186 = H, alkyl, R187 = H, alkyl, R188 = H, alkyl, R189 = H, alkyl, R190 = H, alkyl, R191 = H, alkyl, R192 = H, alkyl, R193 = H, alkyl, R194 = H, alkyl, R195 = H, alkyl, R196 = H, alkyl, R197 = H, alkyl, R198 = H, alkyl, R199 = H, alkyl, R200 = H, alkyl, R201 = H, alkyl, R202 = H, alkyl, R203 = H, alkyl, R204 = H, alkyl, R205 = H, alkyl, R206 = H, alkyl, R207 = H, alkyl, R208 = H, alkyl, R209 = H, alkyl, R210 = H, alkyl, R211 = H, alkyl, R212 = H, alkyl, R213 = H, alkyl, R214 = H, alkyl, R215 = H, alkyl, R216 = H, alkyl, R217 = H, alkyl, R218 = H, alkyl, R219 = H, alkyl, R220 = H, alkyl, R221 = H, alkyl, R222 = H, alkyl, R223 = H, alkyl, R224 = H, alkyl, R225 = H, alkyl, R226 = H, alkyl, R227 = H, alkyl, R228 = H, alkyl, R229 = H, alkyl, R230 = H, alkyl, R231 = H, alkyl, R232 = H, alkyl, R233 = H, alkyl, R234 = H, alkyl, R235 = H, alkyl, R236 = H, alkyl, R237 = H, alkyl, R238 = H, alkyl, R239 = H, alkyl, R240 = H, alkyl, R241 = H, alkyl, R242 = H, alkyl, R243 = H, alkyl, R244 = H, alkyl, R245 = H, alkyl, R246 = H, alkyl, R247 = H, alkyl, R248 = H, alkyl, R249 = H, alkyl, R250 = H, alkyl, R251 = H, alkyl, R252 = H, alkyl, R253 = H, alkyl, R254 = H, alkyl, R255 = H, alkyl, R256 = H, alkyl, R257 = H, alkyl, R258 = H, alkyl, R259 = H, alkyl, R260 = H, alkyl, R261 = H, alkyl, R262 = H, alkyl, R263 = H, alkyl, R264 = H, alkyl, R265 = H, alkyl, R266 = H, alkyl, R267 = H, alkyl, R268 = H, alkyl, R269 = H, alkyl, R270 = H, alkyl, R271 = H, alkyl, R272 = H, alkyl, R273 = H, alkyl, R274 = H, alkyl, R275 = H, alkyl, R276 = H, alkyl, R277 = H, alkyl, R278 = H, alkyl, R279 = H, alkyl, R280 = H, alkyl, R281 = H, alkyl, R282 = H, alkyl, R283 = H, alkyl, R284 = H, alkyl, R285 = H, alkyl, R286 = H, alkyl, R287 = H, alkyl, R288 = H, alkyl, R289 = H, alkyl, R290 = H, alkyl, R291 = H, alkyl, R292 = H, alkyl, R293 = H, alkyl, R294 = H, alkyl, R295 = H, alkyl, R296 = H, alkyl, R297 = H, alkyl, R298 = H, alkyl, R299 = H, alkyl, R300 = H, alkyl, R301 = H, alkyl, R302 = H, alkyl, R303 = H, alkyl, R304 = H, alkyl, R305 = H, alkyl, R306 = H, alkyl, R307 = H, alkyl, R308 = H, alkyl, R309 = H, alkyl, R310 = H, alkyl, R311 = H, alkyl, R312 = H, alkyl, R313 = H, alkyl, R314 = H, alkyl, R315 = H, alkyl, R316 = H, alkyl, R317 = H, alkyl, R318 = H, alkyl, R319 = H, alkyl, R320 = H, alkyl, R321 = H, alkyl, R322 = H, alkyl, R323 = H, alkyl, R324 = H, alkyl, R325 = H, alkyl, R326 = H, alkyl, R327 = H, alkyl, R328 = H, alkyl, R329 = H, alkyl, R330 = H, alkyl, R331 = H, alkyl, R332 = H, alkyl, R333 = H, alkyl, R334 = H, alkyl, R335 = H, alkyl, R336 = H, alkyl, R337 = H, alkyl, R338 = H, alkyl, R339 = H, alkyl, R340 = H, alkyl, R341 = H, alkyl, R342 = H, alkyl, R343 = H, alkyl, R344 = H, alkyl, R345 = H, alkyl, R346 = H, alkyl, R347 = H, alkyl, R348 = H, alkyl, R349 = H, alkyl, R350 = H, alkyl, R351 = H, alkyl, R352 = H, alkyl, R353 = H, alkyl, R354 = H, alkyl, R355 = H, alkyl, R356 = H, alkyl, R357 = H, alkyl, R358 = H, alkyl, R359 = H, alkyl, R360 = H, alkyl, R361 = H, alkyl, R362 = H, alkyl, R363 = H, alkyl, R364 = H, alkyl, R365 = H, alkyl, R366 = H, alkyl, R367 = H, alkyl, R368 = H, alkyl, R369 = H, alkyl, R370 = H, alkyl, R371 = H, alkyl, R372 = H, alkyl, R373 = H, alkyl, R374 = H, alkyl, R375 = H, alkyl, R376 = H, alkyl, R377 = H, alkyl, R378 = H, alkyl, R379 = H, alkyl, R380 = H, alkyl, R381 = H, alkyl, R382 = H, alkyl, R383 = H, alkyl, R384 = H, alkyl, R385 = H, alkyl, R386 = H, alkyl, R387 = H, alkyl, R388 = H, alkyl, R389 = H, alkyl, R390 = H, alkyl, R391 = H, alkyl, R392 = H, alkyl, R393 = H, alkyl, R394 = H, alkyl, R395 = H, alkyl, R396 = H, alkyl, R397 = H, alkyl, R398 = H, alkyl, R399 = H, alkyl, R400 = H, alkyl, R401 = H, alkyl, R402 = H, alkyl, R403 = H, alkyl, R404 = H, alkyl, R405 = H, alkyl, R406 = H, alkyl, R407 = H, alkyl, R408 = H, alkyl, R409 = H, alkyl, R410 = H, alkyl, R411 = H, alkyl, R412 = H, alkyl, R413 = H, alkyl, R414 = H, alkyl, R415 = H, alkyl, R416 = H, alkyl, R417 = H, alkyl, R418 = H, alkyl, R419 = H, alkyl, R420 = H, alkyl, R421 = H, alkyl, R422 = H, alkyl, R423 = H, alkyl, R424 = H, alkyl, R425 = H, alkyl, R426 = H, alkyl, R427 = H, alkyl, R428 = H, alkyl, R429 = H, alkyl, R430 = H, alkyl, R431 = H, alkyl, R432 = H, alkyl, R433 = H, alkyl, R434 = H, alkyl, R435 = H, alkyl, R436 = H, alkyl, R437 = H, alkyl, R438 = H, alkyl, R439 = H, alkyl, R440 = H, alkyl, R441 = H, alkyl, R442 = H, alkyl, R443 = H, alkyl, R444 = H, alkyl, R445 = H, alkyl, R446 = H, alkyl, R447 = H, alkyl, R448 = H, alkyl, R449 = H, alkyl, R450 = H, alkyl, R451 = H, alkyl, R452 = H, alkyl, R453 = H, alkyl, R454 = H, alkyl, R455 = H, alkyl, R456 = H, alkyl, R457 = H, alkyl, R458 = H, alkyl, R459 = H, alkyl, R460 = H, alkyl, R461 = H, alkyl, R462 = H, alkyl, R463 = H, alkyl, R464 = H, alkyl, R465 = H, alkyl, R466 = H, alkyl, R467 = H, alkyl, R468 = H, alkyl, R469 = H, alkyl, R470 = H, alkyl, R471 = H, alkyl, R472 = H, alkyl, R473 = H, alkyl, R474 = H, alkyl, R475 = H, alkyl, R476 = H, alkyl, R477 = H, alkyl, R478 = H, alkyl, R479 = H, alkyl, R480 = H, alkyl, R481 = H, alkyl, R482 = H, alkyl, R483 = H, alkyl, R484 = H, alkyl, R485 = H, alkyl, R486 = H, alkyl, R487 = H, alkyl, R488 = H, alkyl, R489 = H, alkyl, R490 = H, alkyl, R491 = H, alkyl, R492 = H, alkyl, R493 = H, alkyl, R494 = H, alkyl, R495 = H, alkyl, R496 = H, alkyl, R497 = H, alkyl, R498 = H, alkyl, R499 = H, alkyl, R500 = H, alkyl, R501 = H, alkyl, R502 = H, alkyl, R503 = H, alkyl, R504 = H, alkyl, R505 = H, alkyl, R506 = H, alkyl, R507 = H, alkyl, R508 = H, alkyl, R509 = H, alkyl, R510 = H, alkyl, R5

L16 NUMBER 29 OF 106 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1990-050599 CAPLUS
IN 115-65039

ORIP 115-11549a,11572a

TI Silver halide color photographic material containing an azido type cyan coupler capable of providing high developed density and little leuco cyan dye

IN Ichida, Takao; Ishii, Fumio; Mizura, Akio; Tamura, Mayumi

PA Sonica Co., Japan

SO Sen. Kokai Yokoku Kobo, 11 pp

COGEN JIKKAP

DI Patent

LA Japanese

PAN ON

PATENT NO

KIND

DATE

APPLICATION NO

DATE

FI 01512141

PI 1989-01169

OR MARPAT 115 65169

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

AS

TI

IN

OR

LA

PAN

FI

PI

OR

CI

II

L16 INDEXER 36 OF 106 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1969-415284 CAPLUS
 IN 111-102584
 ORIP 111-145274,145266
 IT Selection sensitization of silver halide photographic emulsion
 IN Saito, Yukio; Prigyi Sengoncha, Olga; Caplanos Sule, Judith; Palotas
 Juch, Agata
 PA Pure Photocatalytic Paper, Hong
 KO Ref: 01/01, 12 pp
 US0000 000000
 JP Patent
 LA Japanese
 CA French
 PAN CN

PATENT NO.	IND	DATE	APPLICATION NO.	DATE
FI DE 3826592	A1	19981229	DE 3989-582090	19980616 <--
IT 47102	A1	19990626	IT 1997-0729	19970616 <--
JP 200110	B	19990626		
US 2000066	A	19991121	US 1998-14508	19980616 <--
GB 2000066	B	19990616		
JP 4616721	A	19990719	JP 1998-145022	19980616 <--
FR 1297-2123	A	19970616		

AB Ag halide photos emulsions are reduction sensitized without increasing the fog by using an inclusion complex of a hydrazone derivative with a substituted cyclodextrin or a water-soluble cyclodextrin polymer. The molar ratio of the cyclodextrin derivative to the hydrazone derivative in the inclusion complex is 4:1 to 80:1, preferably 50:1 to 60:1. The complex is added to the emulsion before the precipitation of the Ag halide crystals, or during the period of crystal growth or thereafter. The addition of a tri(carboxymethyl)chrysoidein/DMAC complex (molar ratio 400:1 to a gelatin:AgBrCl₂) emulsion showed improved during crystal growth sensitivity with no increase in fog even a control containing only the cyclodextrin derivative.

IT 40641-99-04 Emulsion complexes with 8-cyclodextrin

US 2000066 (photos. reduction sensitive)

GB 2000066 (photos. reduction sensitive)

JP 4616721 (photos. reduction sensitive)

FR 1297-2123 (photos. reduction sensitive)

RU 2001-09-04 CAPLUS

CN Hydrazine, (4-chloro-1-naphthyl)- CA INDEX NAME

HX-NI



L16 INDEXER 36 OF 106 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1969-415284 CAPLUS
 IN 111-102584
 ORIP 111-20064,20064
 IT Electrochromic photoresistor containing binazo compound
 IN Oeibo, Hisaki; Matsura, Kazuo
 PA Terey Industries, Japan
 SO Jpn. Kokai Tokkyo Koho, 7 H:
 US0000 000000
 JP Patent
 LA Japanese
 CA French
 PAN CN

PATENT NO.	IND	DATE	APPLICATION NO.	DATE
FI JP 2006062	A	19990616	JP 1996-150848	19960616 <--
FR 1298-150848		19960616		
GB 2006062		19960616		
JP 111-102584		19960616		

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB In the electrophore, photoresistor containing a conductive layer and a photosensitive layer, the photosensitive layer has a charge-generating composition and a charge-transporting composition, and the charge-generating composition contains a binazo compound of the formula I (R₁, R₂ = H, halo, alkyl, alkoxy, aryl). This shows high sensitivity, stability and durability. Thus, Metalary 475 (A)-deposited polyester film was coated with a composition containing I and Nipon 300 (polyester resin), and cured with a comp. containing Panite L-1225 and a triazine compound. When the photoresistor was coated-dishware (4.50), retained 5 g in the dark, and exposed to a 8.1 source for 20 s, the residual potential, dark decay, and exposure required to halve the potential were 480 V, 11.0%, and 1.3 l.s., resp.

IT 199606-09-0 199606-09-1

RU 2006-09-0 CAPLUS

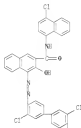
CN Charge generator, electrophore photoresistor using

RU 2006-09-0 CAPLUS

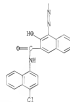
CN 2-Methylthienecarboxamide, 4,4'-[3,3'-dichloro[1,1'-bis(halo)]-4,4'-diyl]bis(azo)bis[4-(4-chloro-1-naphthyl)-3-hydroxy- (C1)] CA INDEX NAME

L16 INDEXER 36 OF 106 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

PAGE 1-A



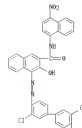
PAGE 2-A



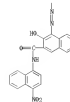
RU 1999-09-1 CAPLUS
 CN 2-Methylthienecarboxamide, 4,4'-[3,3'-dichloro[1,1'-bis(halo)]-4,4'-diyl]bis(azo)bis[4-(4-chloro-1-naphthyl)-3-hydroxy- (C1)] CA INDEX NAME

L16 INDEXER 36 OF 106 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

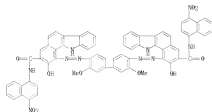
PAGE 1-A



PAGE 2-A



L16 ANSWER 39 OF 105 CAPUS COPYRIGHT 2009 ACS on STN (Continued)



L16 ANCOR 40 00 105 CAPLUS COPYRIGHT 2000 ACS on STM
IN 1987 483296 CAPLUS
IN 100 87296
ORF 107 141474, 141504
TI Optical recording material
IN Osaka, Tetsumi, Wada, Shunichi, Kurose, Yutaka
PA Mitsubishi Chemical Industries Co., Ltd., Japan
50 Jpn. Kokai Tokkyo Koho, 6 pp.
CROSS REFERENCE
IN Patent
LA Japanese

PAN CNT 1	PATIENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62018200	A	19870927	JP 1985-154506	19850710
PSAI	JP 1985-154596		19850916		
GI					



AS The title material is composed of a support bearing a recording layer containing a light-absorbing compound 1 (R = Ph or naphthylene ring substituted by a 1 or 2 groups selected from halo, alkylthio, hydroxylalkyl, aralkoxy). The material has high sensitivity for laser beam recording and shows storage stability. Thus, 1, 6-mono-2,3-dicyano-1,4-methoxynaphthalene substituted with 2-hydroxyethylthio (I) and 2,6-dimethoxy-1,4-methoxynaphthalene substituted with 2-hydroxyethylthio (II) were used. (I) = COc1ccc2c(c1)nc(C#N)c(C#N)c2SCCO (II) = COc1ccc2c(c1)nc(C#N)c(C#N)c2SCCO (I) was vacuum-sublimed on a methacrylic resin support to form a recording dye layer with a thickness of 20.0 Å and a broad absorption peaked at 790 nm. The dye layer was exposed to a semiconductor laser beam (power = 4 W, diameter 1 mm) operated at 650 nm to give a recorded pit 1.5 μm in diameter with a clear outline and a high carrier-to-noise (C/N) ratio of 52 dB.

IT 100790-21-7

AL: ISSS (User)

2,3-Naphthalenedicarbonitrile, 5-amino-8-[(4-chloro-1-naphthalenyl)amino]-
1,4-dihydro-1,4-dioxan- (CA INDEX NAME)

L16 ANSWER 40 OF 105 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



L16 ANSWER 41 OF 105 CAPLUS COPYRIGHT 2008 ACS on STM
 IN 1967:175967 CAPLUS
 IN 1967:175967
 QWTF 106:285454, 285454a
 TI Carbonylanilide derivatives
 PA Air Products and Chemicals, Inc., USA
 SO Jpn. Kokai Tokkyo Koho, 58 pp.
 CODEN: JKKXAF
 DT Patent
 LA Japanese

[illegible]

SV	1561802	AS	198009130	SV	1986-0027204
FRAI	US 1985-720212	A	198509105		
EP	1986-502434	A	198609102		
DB	2000-2000000	A	200000000		

95 MARPAT 106 175957



AB R1=perfluorocycloalkyl; R2 = H, Me, Et; R3 = aryl), effective insecticides at 0.112 kg/ha, herbicides at 0.05-6 lb/acre, and agrochem-fungicides at 0.5-5.0 lb/acre, are prepared. Thus, 0.02 mol 2,4-di-(COO)OCH₂CH₂ was added to a solution of 0.02 mol acid fluoride I (R4 = F) and 0.02 mol H₂N in Et₂O at 25° with stirring to give 57%

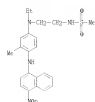
anilide I [M_n = 107,100-95,500]

17 140350-56-8P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SYN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); WEBS (Webs)
(Preparation of, as insecticide, herbicide, and fungicide)

IN 107350-26-8 CAPLID

ON Cyclohexanecarboxamide, 1,2,2,3,3,4,4,5,5,6,6-undecafluoro-N-(4-nitro-1-

L16 ANKER 49 OF 105 CAPLUS COPYRIGHT 2009 ACS ON STN (Continued)

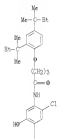


IT 89878-08-4
 RL ACT (Reactant), REACT (Reactant or reagent)
 (Reaction: 10)
 IN 89878-08-4 CAPLUS
 CN 1,4-Dinitrobenzene, N,N'-diethyl-2-methyl-N-(4-nitro-1-naphthyl)-
 (CA INDEX NAME)



L16 ANKER 50 OF 105 CAPLUS COPYRIGHT 2009 ACS ON STN (Continued)

PAGE 1-A



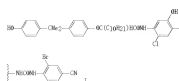
PAGE 2-A



L16 ANKER 50 OF 105 CAPLUS COPYRIGHT 2009 ACS ON STN

AN 1964-129606 CAPLUS
 IN 100-129606
 ORIP 100-129606, 19632a
 IT Cyan complex
 PA Konishiroku Photo Industry Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 COOBY JKKAP

IT	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
P1	JP 6818903	A	19651106	JP 1963-45496	19630316 (---)
PRAT	JP 6803778	B	19660822		
GI	JP 1965-43686		19650815		



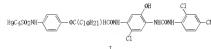
AB The complex has (1) a substituted or condensed 4-cyanobenzamide group at position 2, (2) R, or a group detachable by coupling reaction at position 4, and (3) a ballasted arylamino group at position 6. Such complex reduces the loss of cyan dye during processing, even when the processing was repeated on the same film, are exhausted by coupling. Such cyan complex 1 dispersed in a mixture containing di-Ba phosphate, ArOEt, Alkanoil R, and pellicul was added to a AgCl, BaO emulsion, coated on a laminated paper, imaged with exposure, and developed with a solution containing 4-amino-2-methyl-N-(2-hydroxyethyl)amine sulfate with or without benzyl a.c., followed by black-fixing using Fe/Na2EDTA complex to give an image with satisfactory sensitivity, optical density, and color purity, in both cases.

IT 89878-08-2
 RL TIM (Technical or engineered material use); REES (Rees)
 IN 89878-08-2 CAPLUS
 CN Butanamide, 4-[2,4-bis(1,1-dimethyl[2-oxo-1-phenyl-5-[[[4-(4-cyano-1-naphthyl)amino]carbonyl]amino]-2-hydroxyphenyl]]-6-oxo-1-naphthyl)]- (CA INDEX NAME)

L16 ANKER 51 OF 105 CAPLUS COPYRIGHT 2009 ACS ON STN

AN 1964-129606 CAPLUS
 IN 100-129606
 ORIP 100-129606, 19632a
 IT Cyan complex
 PA Konishiroku Photo Industry Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 COOBY JKKAP

IT	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
P1	JP 6818904	A	19651106	JP 1963-45497	19630316 (---)
PRAT	JP 6803778	B	19660822		
GI	JP 1965-43687		19650815		



AB The cyan complex carry (1) a substituted or condensed 4-cyanobenzamide group at position 2, (2) R, or a group detachable by coupling reaction at position 4, and (3) a ballasted arylamino group at position 6. The complex eliminates the use of benzyl a.c. in the developer and wet processor high cyan material. Thus, a dispersion containing cyan complex 1 and additives was added to a AgCl, BaO emulsion, coated on a laminated paper, imaged with exposure, developed using a developer containing 4-amino-2-methyl-N-(2-hydroxyethyl)amine sulfate with or without benzyl a.c. black-fixing contained Fe/Na2EDTA complex. Satisfactory sensitivity, cyan optical density, and color purity were obtained with both developers.

IT 89878-08-2
 RL TIM (Technical or engineered material use); REES (Rees)
 IN 89878-08-2 CAPLUS
 CN Butanamide, 4-[2,4-bis(1,1-dimethyl[2-oxo-1-phenyl-5-[[[4-(4-cyano-1-naphthyl)amino]carbonyl]amino]-2-hydroxyphenyl]]-6-oxo-1-naphthyl)]- (CA INDEX NAME)

L16 ANSWER 51 OF 105 CAPLUS COPYRIGHT 2000 ACS on STN (Continued)

PAGE 2-A

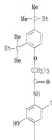


PAGE 2-A



L16 ANSWER 52 OF 105 CAPLINS COPYRIGHT 2008 ACS on STN (Continued)

PAGE 1-A



PAGE 2-A

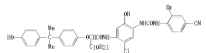


L16 ANSWER 52 OF 105 CAPLUS COPYRIGHT 2009 ACS on STM

AN 100.112176 CAPLES
 DN 100.112176
 ORFP 100.16925a, 16932a
 TI Photographs: cyan complext
 PA Konishiroku Photo Industry Co., Ltd., Japan
 SO Jpn. Kokusai Yokkyo Kobo, 10 pp.
 C00000: ITCVAF

INT Patent
LA Japanese
PAM 2007-1

PATENT NO		KIND	DATE	APPLICATION NO.	DATE
FI	JP 68189635	A	19851105	JP 1983-43688	19830315
	JP 65063775	B	19891115		
PRAT	JP 1983-43688		19830315		
GT					



AB Phenol derivative cyan couplers having a substituted or condensed phenylmethylenide moiety at position 2, 5 or a moiety which can be eliminated by coupling with an oxidation product of color developers at position 4 and a ballasted arylalkoxy moiety at position 5 provide high coloring sensitivity and d. and improved stability of the final cyan dye image. Thus, a Ag(Cl,Br) photog. emulsion containing coupler 1 was wedge exposed and color developed to give a cyan image with high sensitivity and d., and the final image showed high stability against light, heat, and

IT 84983-90-2
RL: TEM (Technical or engineered material use); UES (Uses
(photos, scan copies)

IN 84963-90-2 CAPLIS
 CN Botanamide, 4-[2, 4-bis(1, 1-dimethylpropyl)phenoxy]-8-[2-chloro-4-[[[4-cyano-1-naphthalenyl]amino]carbonyl]amino]-5-hydroxyphenyl]- (CA INDEX NAME)

L16 ANSWER 53 OF 105 CAPLUS COPYRIGHT 2008 ACS on STM

```

AN 1964:102982 CAP1
DN 100:102982
OFF 100:15633a,15636

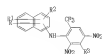
```

001 140:18633, 18634
 TI Insecticidal naphthalenamine derivatives
 IN Clinton, Albert James, & Doherty, George Oliver Fluskett
 PA Eli Lilly and Co., USA
 SO Brit. UK Pat. Appl., 16 pp.

SO	Brit. UK Pat
	COGEN: BAKED
DT	Patent
LA	English

PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
FI	GB 2119080	A	19831116	GB 1983-12003	19830503

GB 2181205	B	13966020			
DE 4425866	A	13951227	DE	1985-12-07	13950504
US 4500711	A	13960011	US	1985-09-06	13950477
JP 8310050	A	13951106	JP	1983-15-00	13950302
GB 8314143	A	13951110	GB	1983-14-13	13950302
AU 5823039	B2	13961224			
JP 5823039	A	13951128	JP	1983-09-04	13950302
GB 8304104	A	13960126	GB	1983-01-04	13950302
US 4500711	A2	13961029	US	1985-09-06	13950302
GB 190627	B	13966029			
CA 1196123	A1	13962117	CA	1985-07-22	13950302
DE 4425866	A	13951108	DE	1985-12-07	13950302
BR 8306284	A	13960003	BR	1983-02-28	13950306
JP 1003950	A1	13960014	JP	1983-03-04	13950303
JP 1003950	A	13960009			

[illegible]

AB: *N*-Phenylinapthylamines I (R = H, alkyl; R1 = H, halo; R2 = halo, Ph, NO₂, cyano, fluoroalkyl, fluoroalkoxy, fluoroalkylthio, R3 = H, halo) were prepared, and they showed insecticidal and ecdysiotropic activity. 1-Nitro-2-naphthylamine was *N*-arylated by 2-chloro-3,5-dinitrobenzotrifluoride and NaH in DMF to give the appropriate I.

IT 88065-48-4P 88065-49-5P
RL AGR (Agricultural use), BAC (Biological activity or effector, except

L16 ANKER 54 OF 105 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 adverse). EU (Biological study, unspecified). SPN (Synthetic preparation). USX (Biological study). PREP (Preparation). USX (Dose) (green and insecticidal activity of)
 IN 89065-44-4 CAPLUS
 CN 1-Naphthalenamine, N-[2,4-dinitro-6-(trifluoromethyl)phenyl]-4-nitro- (CA INDEX NAME)



IN 89065-44-5 CAPLUS
 CN 1-Naphthalenamine, 4-[[[2,4-dinitro-6-(trifluoromethyl)phenyl]amino]- (CA INDEX NAME)



IT 89065-44-OF 89065-46-2P
 RL: SPN (Synthetic preparation). PREP (Preparation)
 preparation and insecticidal and acaricidal activity of)

IN 89065-44-0 CAPLUS
 CN 1-Naphthalenamine, 4-chloro-N-[2,4-dinitro-6-(trifluoromethyl)phenyl]- (CA INDEX NAME)

L16 ANKER 54 OF 105 CAPLUS COPYRIGHT 2008 ACS on STN
 IN 1905-112022 CAPLUS
 CN 99-212522
 QP 99-212522,33711a
 TX Antelmintic
 TX Baker, Richard Andrew Bentley; Dorgan, Roderick John
 PA Bercham Group PLC, UK
 SO Eur. Pat. Appl., 44 pp.
 COGN EP-KLON
 IT Patent
 CA Smith
 FXAN CVT

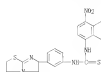
PATENT NO	KIND	DATE	APPLICATION NO	DATE
PZ EP 190522	AJ	19050615	EP 1905-006106	19050609 <--
EP 190522	AJ	19050615	EP 1905-006106	19050609 <--
ZA 820729A	A	19050621	ZA 1905-729A	19051006 <--
JP 57104237J1a	A	19050629	JP 1905-17700A	19051006 <--
AT 816419A	A	19050614	AT 1905-69131	19051007 <--
ES 816516	AJ	19051700	ES 1905-01820A	19051007 <--
DE 820409B	DE	19051009	DE 1905-439	19050404 <--
ES 824915	AJ	19051700	ES 1905-01820	19050412 <--
FR43 1381-5241	AJ	19051007		
GB 1905-1685A	A	19050609		
MXPAT 99-212522	A	19050609		
QZ				



AS Tetraamido deriv. 1 [R = N-C(=O)-NHSO, N-C(=O)-NHSO, N-C(=O)-NHSO, N-C(=O)-NHSO; R1 = allyl, acetyl], R2-R4 = H, allyl, acyl, allyl, R2R5 = heterocyclic; R = O, S, and their 2,3-dihydro analogs were prepared. Tum. I (R = NH) was treated with PHEC to give 1 (R = N-C(=O)-NHSO) which was S-methylated to give 1 [R = N-C(=O)-NHSO (17)]. At 200 mg/kg orally in mice II gave 90% control of Neomastomus disease. others.

IT 87063-47-OF 87063-47-OF
 RL: SPN (Synthetic preparation). PREP (Preparation). RACT (Reaction or reaction)
 preparation and alkylation of)

IN 87063-47-0 CAPLUS
 CN 1-Naphthalenamine, N-(4-oxo-1-naphthalenyl)-N'-(3-O,3,5,6-tetrahydroindano[2,1-b]thiazol-6-yl)phenyl]- (CA INDEX NAME)



IN 87063-47-0 CAPLUS
 CN 1-Naphthalenamine, N-(4-oxo-1-naphthalenyl)-N'-(3-O,3,5,6-tetrahydroindano[2,1-b]thiazol-6-yl)phenyl]- (CA INDEX NAME)

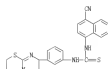
L16 ANKER 54 OF 105 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



IN 89065-44-2 CAPLUS
 CN 1-Naphthalenamine, 4-bromo-N-[2,4-dinitro-6-(trifluoromethyl)phenyl]- (CA INDEX NAME)

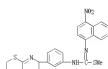


L16 ANKER 54 OF 105 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

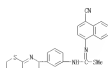


IT 87063-47-OF 87063-47-OF
 RL: SPN (Synthetic preparation). PREP (Preparation)
 preparation of)

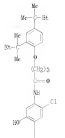
IN 87063-47-0 CAPLUS
 CN 1-Naphthalenamine, N-(4-oxo-1-naphthalenyl)-N'-(3-O,3,5,6-tetrahydroindano[2,1-b]thiazol-6-yl)phenyl]-, methyl ester (CA INDEX NAME)



IN 87063-47-0 CAPLUS
 CN 1-Naphthalenamine, N-(4-oxo-1-naphthalenyl)-N'-(3-O,3,5,6-tetrahydroindano[2,1-b]thiazol-6-yl)phenyl]-, methyl ester (CA INDEX NAME)



L16 ANKER 16 OF 106 CAPLUS (COPYRIGHT 2008 ACS on STN (Continued)



PAGE 1-A



PAGE 2-A

L16 ANKER 57 OF 106 CAPLUS (COPYRIGHT 2008 ACS on STN
 AN 1963 44222 CAPLUS
 CN 9754222
 QNIP 96 6670a, 6682a
 T1 Self-sensitized photosensitive resin
 PA Mishukubo, Chiba, Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 OQDN: JCSJAP

JP Patent
 LA Japanese
 PNA CRT 1
 PATENT NO. KIND DATE APPLICATION NO. DATE
 P1 JP 67004229 A 19900919 JP 1990-150625 199101000 (---)
 PBA JP 1990-150625 19900909
 AS Copolymers having cinnamate ester groups and N-substituted amide groups as photosensitive and sensitizer groups, resp., are used as self-sensitizing type photosensitive organic materials. Thus, 2-(vinylbenzyl)ethyl methacrylate and N-(4-nitrophenyl)ethanamide were copolymerized to give a self-sensitized photosensitive polymer, which was useful as a photoresist for printed circuit preparation
 IT 17900-87-2 84135-76-2 84135-76-2
 R: US: (Desa)
 (self-sensitized, as photoresists)
 RS 17900-87-2 CAPLUS
 CN 2-Propenoic acid, 2-methyl-, 2-[(1-vinyl-2-propenyl)oxy]ethyl ester, polymer with 2-methyl-N-(4-nitro-1-naphthyl)-2-propenamide (SCI) (CA INDEX NAME)

CM 1
 CN 17900-87-2
 CIP C14 H12 N2 O5



CM 2
 CN 41361-99-9
 CIP C16 H16 O6



RS 85601-04-6 CAPLUS
 CN 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with

L16 ANKER 57 OF 106 CAPLUS (COPYRIGHT 2008 ACS on STN (Continued)
 2-methyl-N-(4-nitro-1-naphthyl)-2-propenamide, 3-phenyl-2-propenamide (SCI) (CA INDEX NAME)

CM 1
 CN 631-82-9
 CIP C9 H8 O2

Ph-CH=CH-O-CH3

CM 3
 CN 21961-20-8
 CIP C14 H12 N2 O5 - C6 H5 O O)x
 CCI FMS
 CM 3
 CN 17900-87-2
 CIP C14 H12 N2 O5



CM 4
 CN 669-77-9
 CIP C6 H5 O O2



RS 84135-67-1 CAPLUS
 CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with 2-methyl-N-(4-nitro-1-naphthyl)-2-propenamide and oxiranylmethyl 2-methyl-2-propenamide, 3-phenyl-2-propenamide (SCI) (CA INDEX NAME)

CM 1
 CN 631-82-9
 CIP C9 H8 O2

Ph-CH=CH-O-CH3

CM 2

L16 ANKER 57 OF 106 CAPLUS (COPYRIGHT 2008 ACS on STN (Continued)
 2-methyl-N-(4-nitro-1-naphthyl)-2-propenamide, 3-phenyl-2-propenamide (SCI) (CA INDEX NAME)

CM 3
 CN 17900-87-2
 CIP C14 H12 N2 O5



CM 4
 CN 106-91-2
 CIP C7 H10 O5



CM 5
 CN 80-62-6
 CIP C5 H8 O2



RS 84135-76-2 CAPLUS
 CN 2-Propenoic acid, 2-hydroxyethyl ester, polymer with 2-methyl-N-(4-nitro-1-naphthyl)-2-propenamide, 3-phenyl-2-propenamide (SCI) (CA INDEX NAME)

CM 1
 CN 631-82-9
 CIP C9 H8 O2

Ph-CH=CH-O-CH3

CM 2
 CN 21289-76-4
 CIP C14 H12 N2 O5 - C6 H5 O O)x

L16 ANSWER 57 OF 105 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

OCI FMS
CM S
GRV TT901-87-2
CMF C14 H12 N2 00



CM 4

CPN 818-01-1
CMF 05 HB 00



L16 ANSWER 58 OF 105 CAPLUS COPYRIGHT 2009 ACS on STM

AN 1961-578682 CAPLIES
 JW 96-170682
 OSHF 96-206954, 206955
 TI Photocresol compositions
 IN Kamoshira, Yoichi, Yoshihara, Toshinaki, Haruta, Yoshinaki, Harada,
 Kamishiro
 JA Japan Synthetic Rubber Co., Ltd., Japan
 50 Ser. Pat. Appl., 55 pp.
 CODEN EPALDW

[illegible]

QC
GI

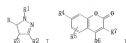
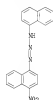
[illegible]

image with 2.2 μm resolution
IT 78369-86-5
RL: USBS (User)
(photoresist for elec. circuit fabrication containing cyclized conjugated

L16 ANSWER 58 OF 105 CAPLIS COPYRIGHT 2008 ACS on STN (Continued)

diene polymer and photocrosslinking agent and)	
BN 78369-86-6 CAPLIS	
CN 1-Triazene, 1-(1-naphthalenyl)-3-(4-nitro-1-naphthalenyl)-	(CA INDEX NAME)



L16 ANSWER 59 OF 105 CAPLUS COPYRIGHT 2008 ACS on STM

AN 1977-8476 CAPLUS
DN 86-84763
ORSEP 86-13369A, 13372A
T1 3-Pyridylmethyl aryl urea rodenticides
DN Kilbourn, Edward E.; Pearson, David L.; Ware, J. Edgar
PA Bohn and Haas Co., USA
SO U.S., 2 pp. Division of U.S. 3, 901, 203.

PT	COGNOM	USKAM	Patient				
LA			English				
PN	PNK	4					
	PATIENT NO		KIND	DATE	APPLICATION NO		DATE
PI	US 090000		A	1970-11-30	US 1970-02-29-04		1971-01-00
	US 0901-50		A	1970-09-06	US 1970-06-08-04		1971-04-11
	US 0901-11-13		A	1970-11-13	US 1970-09-08-04		1971-04-11
	NO 700000		B	1971-09-00	NO 1971-01-01		1972-01-00
	NO 1415-80		B	1980-05-02			
	NO 1415-80		B	1980-05-04			
PRAI	US 1970-342324		A2	1970-08-19			
	US 1970-4600-04		A5	1971-09-11			
	GB 1970-11-10		A	1972-09-06			
	NO 1974-00-10		A	1973-02-10			
OT							

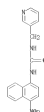


AB The title compds **1** (*R* = 4-substituted phenyl or naphthyl) and their acid addition salts are rodenticides. Thus, 1-(3-pyridylmethyl)-3-(4-nitrophenyl)urea [5558-26-1] prepared from 5-nitrosobenzyl isocyanate [309-28-7] and 3-(aminomethyl)pyridine [373-52-0] given orally to albino

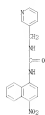
rate at 50 mg/kg was 100% effective, addnl. 28 I were prepared and tested

IT 54038-32-4P
RL: SPN (Synthetic preparation), PMP (Preparation)
(preparation and rodenticidal activity of)

54038-32-4 CAPLUS
NN Urea, N-(4-nitro-1-naphthalenyl)-N'-2-pyridinylmethyl)- (CA INDEX NAME)



L16 ANDREX 62 OF 105 CAPLIS CONFIDENT 2009 ACS on STN (Continued)



L16 ANDREX 62 OF 105 CAPLIS CONFIDENT 2009 ACS on STN
 AN 1906-196250 CAPLIS
 DP 84-92529
 ORIP 84-92548,9255A,
 TI 2-*p*-pyridylmethyl aryl ureas
 IN Ware, James E.; Kilbourn, Edward B.; Pearson, David L.
 PA Biele and San Co., Ltd.
 SO S. African, 31 pp
 ORDN EPRIAS
 DT Patent
 LA English
 PAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI ZA 7000564	A	19700609	ZA 1974-084	19740215 (—)
BO 68819	AO	19701009	BO 1975-74578	19740331 (—)
JP 69175750	A	19741150	JP 1975-119765	19751004 (—)
JP 54010255	B	19610225		
PL 222371	A1	19741018	PL 1974-1260	19740216 (—)
BE 869669	A1	19740217	BE 1974-121019	19740317 (—)
GB 1454369	A	19741124	GB 1974-0596	19740313 (—)
AD 1467008A	AD	19740206	AD 1974-051305	19740301 (—)
NO 88859	A1	19600750	NO 1974-77406	19740306 (—)
CU 159868	AS	19740205	CU 1974-3001552	19740306 (—)
BR 1401619	BO	19741009	BR 1974-1610	19740307 (—)
BE 186126	B	19740206	BE 1974-09772	19740307 (—)
CS 181285	CS	19740201	CS 1974-1106	19740308 (—)
NL 1482198	A	19740203	NL 1974-3209	19740310 (—)
CH 583614	AS	19741115	CH 1974-3830	19740313 (—)
GB 154272	AS	19741115	GB 1974-3653	19740313 (—)
PI 23453	B	19740631	PI 1974-799	19740315 (—)
FI 51453		19730010		
SE 696919	B	19730010	SE 1974-3643	19740316 (—)
NO 145742	B	19730219	NO 1974-926	19740316 (—)
NO 145742	C	19610408		
DE 141049	B	19730231	DE 1974-1482	19740318 (—)
DE 141049	C	19600625		
NO 110448	AS	19741112	NO 1974-17739	19740319 (—)
NO 110448	AO	19741212	NO 1974-17739	19740319 (—)
AT 146058	A	19681115	AT 1974-2256	19740319 (—)
AT 510065	B	19710205		
IT 1900528	B	19671009	IT 1974-3666	19740408 (—)
NO 140045	A1	19741113	NO 1974-CA1697	19740320 (—)
NO 140045	B	19741020		
NO 141599	B	19690603	NO 1975-01	19740408 (—)
NO 141599	C	19600416		
FI 67000	AO	19730413		
FR: US 1975-54253A	A	19750319		
GB 1975-1169	A	19750004		
NO 1975-568	A	19740315		

GI For diagram(s), see printed CA issue.

AS Sixteen ureas: 1 (R = *p*-NO₂CH₃, *p*-MeOCH₃, *p*-FCH₃, *p*-t-butylphenyl, etc.) were prepared by treating 5-(aminomethyl)pyridine with RNO₂, which were prepared from RNO₂ and ClCON₃. 1 (R = *p*-NO₂CH₃) was isolated from Ph.

R = *p*-pyridylmethyl, formamide and *p*-HCO₂CH₃. The redox activity of 1 was determined with albino mice and rats.

IT 54628-52-4

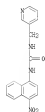
RE: SPN (Synthetic preparation); PREP (Preparation)

Separation and redox activity of 1

BN 54628-52-4 CAPLIS

CN Urea, N-(*p*-nitro-1-naphthylmethyl)-N'-O-(*p*-pyridylmethyl)- (CA INDEX NAME)

L16 ANDREX 63 OF 105 CAPLIS CONFIDENT 2009 ACS on STN (Continued)



L16 ANDREX 63 OF 105 CAPLIS CONFIDENT 2009 ACS on STN
 AN 1976-15490 CAPLIS
 DP 84-15490
 ORIP 84-15490, 2002A,
 TI 4-Methyl-1-tetrahydropyridine as bactericides and fungicides
 IN Nakamura, Kenji; Tanaka, Tomiharu; Yoshida, Hisato; Kanda, Takao
 PA Sanryo Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp
 ORDN JKKAP
 DT Patent
 LA Japanese
 PAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 50110460	A	19700912	JP 1974-20122	19740220 (—)
JP 5100061	B	19670604		
FR: JP 1974-50622	A	19740620		
GI For diagram(s), see printed CA issue.				
AS The title compd. 1 (R = lower alkyl- and halogenophenyl or 4,6,7,8-tetrahydrophthalyl, and R' = H or lower alkyl) and their salts are bactericides and fungicides, especially effective against Xanthomonas oryzae. Thus, 84.2% of rice leaves were infected when a suspension of <i>X. oryzae</i> was sprayed on rice, but pretreatment of the rice with 100 ppm R' = methyl- <i>p</i> -naphthyl-tetrahydrophthalyl acid succinate [51462-14-5] decreased the infection rate to 2.0%.				
IT 57462-15-4				
RE: BDI (Biological study)				
BN 57462-15-4 CAPLIS				
CN Benzoic acid, 4,4',5,5'-tetraphenyl-[[4-(chloro-1-methylphenyl)amino]carbonyl]- (CA INDEX NAME)				



L16 ANKER 68 OF 105 CAPLIS CONFIDENT 2009 ACS on STN (Continued)

L16 ANKER 68 OF 105 CAPLIS CONFIDENT 2009 ACS on STN

AN 1974-78131 CAPLIS

IN 80719721

ORIP 80-12524a, 12544a

TI Colorimetric determination of cadmium

IN Ichiki, Minoru; Ogawa, Naoki

PA Waseda Mining and Smelting Co., Ltd.

SO Jpn. Kokai Tokkyo Koho, 4 pp.

ORIGIN: JKKAN

PT Patent

LA Japanese

PUB. INT.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	JF	80081086	A	1982-0801	
JF	81026010	B	19780827	19770631	--
PRAL	JF	1972-11574	A	19720751	

AB: Cd is extracted from aqueous solution with a solution of p-(nitrodiazoni)azobenzene (I) or 4-(nitrodiazoni)azobenzene (II) in trichloroethane, dichloroethane, or dichlorobenzene or their mixt. as a stable Cd complex with I or II and Cd was determined by measuring absorbance of the organic phase. Thus, 10 ml aqueous Cd solution was shaken with 5 ml 0.001N I solution in CS₂/2 and 3 ml 2N HCl, and the absorbance of the organic phase was measured at 500 mμ by using the 0.001N I solution as a reference. The results agreed well with those of the atomic absorption spectrometric determination or the dithionite method.

IT: EW06-31-5

RE: ANET (Analytical study)
In determination of cadmium, photometric)

IN: EW06-31-5 CAPLIS

ON: 1-Triazene, 1-(4-nitro-1-naphthalenyl)-3-[(phenylazo)phenyl]- (CA INDEX NAME)



DE-N=N-N-Ph

N=N-NH-DI



IT: EW06-31-5A, 1-Triazene, 1-(6-nitro-1-naphthalenyl)-3-[(phenylazo)phenyl]-, cadmium complex

RE: PRE (Preparations)

IN: EW06-31-5 CAPLIS

ON: 1-Triazene, 1-(6-nitro-1-naphthalenyl)-3-[(phenylazo)phenyl]- (CA INDEX NAME)

L16 ANKER 68 OF 105 CAPLIS CONFIDENT 2009 ACS on STN (Continued)

L16 ANKER 68 OF 105 CAPLIS CONFIDENT 2009 ACS on STN

AN 1974-09282 CAPLIS

IN 80-59782

ORIP 80-59782a, 59782b

TI N-Naphthylmethylmalonic acids

IN Sakurai, Fumio; Fujimori, Tomoko; K.

PA Daiichi Wakado Co., Ltd.

SO Ger. Offen., 61 pp

ORIGIN: GWDKE

PT Patent

LA German

PUB. INT.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	DE	2320766	A1	19731206	
JF	EW06084	A	19810619	JP 1972-06665	19730811 --
JF	EW06061	B	19770609		
US	3987146	A	19751142	US 1973-304901	19730608 --
GB	1591884	A	19750423	GB 1973-22462	19730610 --
NL	7106611	A	19750426	NL 1973-0411	19730611 --
FR	2194101	A1	19751221	FR 1973-17062	19730611 --
CA	1004077	A1	19801130	CA 1973-17328	19730611 --
CH	655119	A6	19761231	CH 1973-6700	19730611 --

PRAL: JF 1972-06665 A

GI: See diagram(s), see printed CA issue.

AB: About 6 naphthylmethylmalonic acids (I, R = e.g. H, 2-Me, 2-Et, 2-Cl, or 2-Me; R1 = e.g. H, Cl, Br, or alkyl) with analgesic and antitumor activities were prepared by reaction of the naphthalene derivative II (R = H or halogen) with 2-SCN₂CO₂H (X = H, NEt₃, or halo) in the presence of a catalyst. Thus, II (R = NEt₃, R = H, R1 = Me), 11-A, 2-Cl-6-NEt₃, 12-G, 12-NEt₃, 11-Q, and G powder 1.0 g were refluxed 10 hr in 100 ml BzOH to give 1.3 g (I, R = H, R1 = Me) which was also prepared by reaction of II (R = Br, R1 = Cl, R1 = Me), 6-NEt₃CO₂H, 12-NEt₃, and G powder 1 hr at 100°C.

IT: EW70-22-7P 51671-14-9P 51671-20-6P

RE: SPN (Synthetic preparation); PREP (Preparation)

IN: EW70-22-7 CAPLIS

ON: Benzoic acid, 2-[(4-bromo-1-naphthalenyl)amino]- (CA INDEX NAME)



IN: 51671-14-9 CAPLIS

ON: Benzoic acid, 2-[(4-chloro-1-naphthalenyl)amino]- (CA INDEX NAME)

L16 ANDERX 49 OF 105 CAPLUS CONFIDENT 2009 ACS ON STN (Continued)



IN E1617-00-6 CAPLUS
CN Benzoic acid, 2-[(4-fluoro-1-naphthalenyl)amino]- (CA INDEX NAME)



L16 ANDERX 50 OF 105 CAPLUS CONFIDENT 2009 ACS ON STN
AN 1204-48400 CAPLUS
IN NO 60405
ORIP NO 7690A
TI Tripeptide amides as substrates for proteolytic enzymes
IN Claesson, Karl G.; Karlsson, Birgitta G.; Swenden, Lars G.
FA Acta Orthop Scand
SO Ger. Offen., EP 10
ORIP GREEN
IN Patent
LA German
PAN CNT

PATENT NO	KIND	DATE	APPLICATION NO	DATE
FI DE 2322115	A1	19931126	DE 1993-232215	19930602 <--
DE 2322115	B2	19960610		
SE 960256	B	19951100	SE 1993-5168	19970902 <--
SE 960256	C	19960258		
SE 960256	D	19960207	SE 1993-55408	19970424 <--
FI 568239	B	19910121	FI 1993-12406	19970425 <--
FI 568239	C	19960610		
BE 099317	A1	19970804	BE 1993-130684	19970420 <--
AT 233558	B	19950900	AT 1993-3912	19970420 <--
NO 133542	B	19951230	NO 1993-11701	19970420 <--
CA 949324	A1	19971005	CA 1993-163985	19970420 <--
JP 09062506	A	19960430	JP 1993-09064	19970401 <--
AO 235509	A	19941107	AO 1993-55059	19970401 <--
GB 1430385	A	19960225	GB 1993-30004	19970401 <--
NL 700068	A	19751106	NL 1973-0068	19740303 <--
FR 2185179	A	19951114	FR 1993-15734	19970402 <--
CA 2342675	A	19940418	CA 1993-25975	19970402 <--
NO 136582	AE	19950912	NO 1993-130639	19970402 <--
PL 89227	B1	19761130	PL 1973-14549	19740302 <--
CS 173614	C	19760115	CZ 1993-0159	19970402 <--
CS 090435	AG	19770815	CZ 1973-6146	19740302 <--
DE 170659	B	19770829	DE 1993-091379	19970402 <--
FR 992-5159	A	19790602		
DE 1973-09139	A	19790608		

AB Tripeptide amide deriva. R-X-Y-Z-NH-1 or 2 (1, R = H, Br; 2 = Leu, Ala, Phe, Val; 3 = Leu, Val; 4 = Arg, Gly; 5 = Gln, Asp; 6 = 2-methyl, 1-methyl, 2-methyl, 4-methyl, 5-methyl, n = 1 or 2) (If compound were screened by standard coupling methods, I had a higher sensitivity against trypsin, thrombin, and/or plasmin than N-benzyloxycarbonyl-L-arginine-p-nitrobenzylamide.HCl and were useful in the determination of the enzyme.

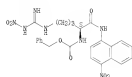
IT 5169-28-3 5169-29-4 5169-30-5
5169-41-3 5121-48-4

RE SYN Synthetic preparation, PREP Preparation

IN 5169-28-3 CAPLUS
CN Carboxylic acid, 4-[[[amino(4-nitrophenyl)methyl]amino]-[[[4-methyl-1-naphthalenyl]amino]carbonyl]butyl]-, phenylmethyl ester, (S)- (CA INDEX NAME)

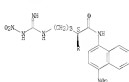
Absolute stereochemistry.

L16 ANDERX 70 OF 105 CAPLUS CONFIDENT 2009 ACS ON STN (Continued)



IN 5169-28-6 CAPLUS
CN -D-threonamide, N-[(phenylmethyl)carbonyl]-L-leucyl-L-leucyl-N-[[[amino(4-nitrophenyl)methyl]amino]carbonyl]-N-(4-nitro-1-naphthalenyl)- (HCl) (CA INDEX NAME)

Absolute stereochemistry.

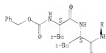


PAGE 1-A

PAGE 2-A

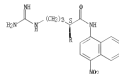
IN 5169-29-9 CAPLUS
CN L-argininamide, N-benzyloxycarbonyl-L-leucyl-L-leucyl-N-(4-nitro-1-naphthalenyl)-, monohydrochloride (HCl) (CA INDEX NAME)

Absolute stereochemistry.



L16 ANDERX 70 OF 105 CAPLUS CONFIDENT 2009 ACS ON STN (Continued)

PAGE 1-A

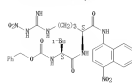


PAGE 2-A



IN 5169-41-3 CAPLUS
CN -D-threonamide, N-[(phenylmethyl)carbonyl]-L-leucyl-N-[[[amino(4-nitrophenyl)methyl]amino]carbonyl]-N-(4-nitro-1-naphthalenyl)- (HCl) (CA INDEX NAME)

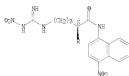
Absolute stereochemistry.



IN 5121-48-4 CAPLUS
CN L-D-threonamide, N-benzyloxycarbonyl-L-leucyl-L-leucyl-N-[[[amino(4-nitrophenyl)methyl]amino]carbonyl]-N-(4-nitro-1-naphthalenyl)- (HCl) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



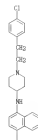
PAGE 2-A



L16 ANSWER TO 00105 CAPLIS COPYRIGHT 2000 ACS ON STD
IN 12073 442559 CAPLIS
IN 79 42559
OFFER 79 6886a, 6888a
TI N-Phenethylpiperidinederivatives
IN Cohenker, Richard
PA Sandoz Ltd.
50 Patentschrift (Switz.), 8 pp.
ORIGIN SWITZ
IN Patent
LA German
PAN CNT 1

[illegible]

PAGE 1-A



PAGE 2-A



CM 2
CIV 110-16-7

Double bond geometry as shown.



RN 39742-67-8 CAPLUS
 CN 4-[piperidinamine, N-(4-bromo-1-naphthalenyl)-1-(2-phenylethyl)-,
 (2Z)-2-butenedioate (HCT) (CA INDEX NAME)

CM 1
CRV 47491-37-2
CMF C23 H25 Br NO



CM 2
CRV 110-16-7

Double bond geometry as shown.



RW 39742-69-7 CAPLUS
 CN 4-Piperidinamine, N-(4-nitro-1-naphthalenyl)-1-(2-phenylethyl)- (CA INDEX
 NAME)

(Continued)



SN 43466-11-5 CAPLUS
 CN 4-Piperidinasine, N-(4-bromo-1-naphthalenyl)-, (2Z)-2-butenedioate (1:1)
 (CA INDEX NAME)

Oil 1
 CSN 42466-15-9
 OMF C15 H37 Br N2



CH 2
CRN 110-16-7

Double bond geometry as shown



IN 42465-14-8 CAPLUS
CN 4-Piperidinsamine, N-(4-bromo-1-naphthalenyl)-1-(phenylmethyl)- (CA INDEX NAME)

RW 39742-69-7 CAPLUS
 CN 4-Piperidinamine, N-(4-nitro-1-naphthalenyl)-1-(2-phenylethyl)- (CA INDEX
 NAME)

L16 ANKER 71 OF 105 CAPLUS CONFIDENT 2009 ACS on STN (Continued)

PR=CH₂

IN 42466-18-9 CAPLUS
CN 4-Piperidinamine, N-(4-bromo-1-naphthyl)- (CA INDEX NAME)



L16 ANKER 72 OF 105 CAPLUS CONFIDENT 2009 ACS on STN

AN 1203 84270 CAPLUS
IN 78 94270
ORIP 78 13448a, 13448a
TI 4-Aryl-2-pyridones
IN Baker, Hoyt O.; Mully, Patrick J
PA Biele and Sane Co.
SO U.S. 5 pp.
COIN 1333AM
BT Patent
LA English
PAN CNT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI 02 571148	A	19730616	US 1970-64862	19700600 (---)
FRAT 02 1570-64862	A	19700609		

CI For diagram(s), see strated CA Issue
AB 3-Carboxy-2-pyridones I (R = p-Cl(C₆H₄), p-Br(C₆H₄), 4-Cl(C₆H₄)-1 (II), possessing plant-growth-inhibitory activity, were prepared by condensing the corresponding NHC with MeC(=O)NHCH₂ to give MeC(=O)NHCH₂(NHC); the latter underwent ring closure with (MeO)(C₆H₄)Me and was then hydrolyzed by H₂O to give II.
IT 20618-98-9
RE SPN (Synthetic preparation), PREP (Preparation) (preparation of)
IN 20618-98-9 CAPLUS
CN 2-Butenoic acid, 2-[[[(4-chloro-1-naphthyl)amino]carbonyl]-3-methyl-, ethyl ester (CA INDEX NAME)



L16 ANKER 73 OF 105 CAPLUS CONFIDENT 2009 ACS on STN

AN 1975 09281 CAPLUS
IN 78 09281
ORIP 78 09281, 0942a
TI 1-Phenethylpiperidine derivatives
IN Schenker, Edward
PA Sandoz Ltd.
SO Patentchrift (Wits), 6 pp.
COIN 29KXAS
BT Patent
LA German
PAN CNT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI 02 571148	A	19730616	US 1970-64862	19700600 (---)
FRAT 02 1570-64862	A	19700609		

CI For diagram(s), see strated CA Issue.
AB The 4-substituted-1-phenethylpiperidines I (R = H, 2-Cl, 3-Cl, 4-Cl, 4-Me, R = H, 4-Br, 4-Me, 7-Me) and some related compounds were prepared by treating the 1-phenethyl-4-piperidone with the 1-naphthylamine and reducing the naphthylaminopiperidine with NaBH₄. The phenethylpiperidones were prepared by treating 1,4-difluoro-2-phenyl-1,4,5,6-tetrahydro-2H-pyran with NaHCO₃CH₃, followed by acid hydrolysis.
IT 20618-98-9
RE SPN (Synthetic preparation), PREP (Preparation) (preparation of)
IN 20618-98-9 CAPLUS
CN 4-Piperidinamine, N-(4-chloro-1-naphthyl)-1-[2-(4-chlorophenyl)ethyl]-, (2S)-2-butenedioate (SC) (CA INDEX NAME)
OM 1
CN 47844-97-6
CN 23 824 C12 NG

L16 ANKER 74 OF 105 CAPLUS CONFIDENT 2009 ACS on STN (Continued)

PAGE 2-A



Double bond geometry as shown.



IN 20618-98-9 CAPLUS
CN 4-Piperidinamine, N-(4-bromo-1-naphthyl)-1-(2-phenylethyl)-, (2S)-2-butenedioate (SC) (CA INDEX NAME)
OM 1
CN 47844-97-6
CN 23 824 C12 NG

Ph=CH₂-CH₂

OM 2

CN 110-16-7

CN 23 824 C12 NG

Double bond geometry as shown.



IN 20618-98-9 CAPLUS
CN 4-Piperidinamine, N-(4-methyl-1-naphthyl)-1-(2-phenylethyl)- (CA INDEX NAME)

L16 NUMBER 16 OF 105 CAPLUS OFFRIGHT 2008 ACS on STN (Continued)



L16 NUMBER 16 OF 105 CAPLUS OFFRIGHT 2008 ACS on STN

AN 1972-1923 CAPLUS
 IN 78-11623
 ORIP 78-2806a, 2806a
 TI Amino derivatives of 1,2-dichlorobenz[e]indoles
 IN Padmanathan, Thirumajah
 PA American Cyanamid Co.
 SO U.S. & pp
 OD OMEN USXAM
 DT Patent
 LA English
 PAN CNT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI 65-060972	A	1970-0629	US 1969-65115	1970-0602 <--
FRAL 10-1970-65115	A	1970-0602		
AS	Seventeen benzimidazoles (I, R = H or Me; R1 = 4,1'-Cl-ClOMe, substituted Ph including an substituent, and two bisbenzimidazoles (II, R = p-ClOMeOCOCOMe p, 6,6'-dichloro-2,2'-dimethoxy-4,4'-biphenyls) were prepared by reaction of 2-(benzylthio)-1,2,3-bis(hydrobenz[e]indol-3-yl) (I) with R1MG or R1OMG)2, resp., and optional methylation. I and II dried under 60, exclusion acetate and trinitrate, polyether, polyetherimide, and polypropylene fast yellow to orange shades from an aqueous dispersion. For example, III was condensed with 4,1'-Cl-ClOMe and methylation with Me2 to give 2-(6-chloro-1-methylbipino)-4,2-dibromo-1-methylbenz[e]indole (I, R = Me, R1 = 4,1'-Cl-ClOMe) (F789-69-2). Lightfast yellow on polypropylene 60-66-10-4P			
IT	RE. INF. (Industrial manufacture). PREP (Preparation)			
IN	404-96-10-4 CAPLUS			
CA	Semi(cis)isot-2-anthene, N-(4-chloro-1-naphthalenyl)- (CA INDEX NAME)			



L16 NUMBER 16 OF 105 CAPLUS OFFRIGHT 2008 ACS on STN

AN 1972-1411 CAPLUS
 IN 78-8411
 ORIP 78-885a, 888a
 TI N-Carbomethoxyethoxy aromatic amine compounds useful in the synthesis of dyes
 IN Laffitte, Frank Fred
 PA American Cyanamid Co.
 SO Brit., 18 pp
 OD OMEN BRCEAA
 DT Patent
 LA English
 PAN CNT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI 65-128745		1970-0851	US 1969-57677	1970-0804 <--
AS	Thiopyranes, direct and oxidation hair dyes (I, R = benzene, naphthalene, bisphenol nucleus, R = H, Cl, CH3COOMe, R1 = H, Me, Ph, R2 = H, Me, 6OMe, MeO, Cl, n = 1 or 2) were prepared. For example, a mixture of p-OMe-CH2OMe and ClCH2-CH2OMe was heated in H2O at 80 deg. for 10 hr to give 2-(p-methoxymethyl)propionamide (II) (US519-90-9), which dried white, bleached or vacuum-dried gave a bright yellow shade. Reduction of II gave 3-(p-methoxymethyl)propionamide (III) (US519-90-9), which, with 10M, dried yellowish gray hair a deep brown-black shade. The other I were similarly prepared. A reddish brown dye for cotton was prepared by coupling diazotized p-OMe-CH2OMe (US519-90-9) with 2,6-OMe-CH2OMe.			
IT	57-85-58-6F			
RE. INF. (Industrial manufacture). PREP (Preparation)				
IN	57-85-58-6F CAPLUS			
CA	Propanamide, 2-[(4-methoxy-1-naphthalenyl)amino]- (CA INDEX NAME)			



L16 NUMBER 16 OF 105 CAPLUS OFFRIGHT 2008 ACS on STN

AN 1972-14209 CAPLUS
 IN 77-114249
 ORIP 77-1865a, 1870a
 TI 1-(r-Piperidinocyclovinyl)naphthalene
 IN Rolando, Sandoz Sandoz, Milano, Foreman, Janco
 PA Richter, Gedoco, Vagraszti Gyar R. t.
 SO Ger., 4 pp
 OD OMEN ORXAV
 DT Patent
 LA German
 PAN CNT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI 65-060652	C3	1970-0609	DE 1967-045004	1970-0419 <--
CA 1969-1115	C3	1969-1115	CH 1967-050463	1967-0419 <--
DE 1190-000	B	1970-1238	DE 1967-2110	1967-0419 <--
DE 670-600	A	1967-0623	DE 1967-5690	1967-0411 <--
FR 67-01	B	1968-0722	FR 1967-6701	1967-0421 <--
US 575-0079	B	1970-0427	US 1967-5647	1967-0421 <--
FRAL 57-1969-81299	A	1969-0427		
GE	MARKET 77-114249			
GI	For diagram(s), see printed Ch. issue.			
AS	Piperidinocyclovinyl naphthalenes (I, R = F, Br, R1 = H, R - H, R1 = Me) were prepared by condensing the 1-naphthylamine with r-chlorocyclovinylpyrrolidines, see above, especially for penta and teta isomers. The oral HD50 of 1.0 g/kg, R1 = H) in rats was 0.1 mg/kg and the LD50 500 mg/kg. 1.0 g/kg, R1 = H) was obtained in 80% yield by treating 4-fluoro-1-naphthylamine with r-chlorocyclovinylpyrrolidine			
IT	57-85-58-6F (Industrial manufacture). PREP (Preparation)			
IN	1869-11-4 CAPLUS			
CA	1-(Piperidinocyclovinyl)-N-(4-fluoro-1-naphthalenyl)-, monohydrochloride (9C1) (CA INDEX NAME)			



● 9C1

IN 1869-11-4 CAPLUS
 CA 1-(Piperidinocyclovinyl)-N-(4-bromo-1-naphthalenyl)-, monohydrochloride (9C1) (CA INDEX NAME)

L16 ANWER 81 0F 106 CAPLUS C/F/EIGHT 2008 ACS on STN

AN 1201-442067 CAPLUS

IN 72-21461

ORIP 72-21461, 7160a.

T1 Genethic, Inc./Genethic derivatives

T2 Atsushi, Shiro, Omori, Satoru

PA Fujikawa Pharmaceutical Co., Ltd.

SD Jpn. Tokyo, Koto, 4 pp.

ORIP 72-21461

T1 Patent

LA Japanese

FAN C/T

PATENT NO. KIND DATE APPLICATION NO. DATE

P1 DE 10014659 A 19010630 JP 10070697 C--

G1 For diagram(s), see printed CA form.

AS Antitubercular 1 is prepared by amide bond of 11, 12a, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 212

L16 ANSWER 87 00 105 CAPLUS COPYRIGHT 2000 ACS ON STM
AN 1267 421731 CAPLUS
IN 67-21731
ORIP 67 41181, 4119a
T1 N-(2-alkylaminoalkyl)-1,4-naphthalenediamines
E11a1c1, Edward F. Worth, Donald F
PA Parker, Davis and Co.
SO U.S. 12 pp
CODON: UEXIAM
DT Patent
LA English
PAN CNT 1

CE 2302908 19661213 4-NO₂-C₁₀H₅O 190104-1 (see diagram), was stirred at 100°C for 24 hr. The mixture was cooled and the reduction of 4-nitrobutyl-1-methylamine [II] in which 1.0 mole of aromatic carboxylic acid from 1.0 mole of 4-nitrobutyl-1-methylamine and 0.5 mole of aromatic carboxylic acid were used, was carried out. The reaction mixture was cooled and the acid was removed by extraction with 10% aqueous sodium carbonate. The residue was dried and distilled to give 4-nitrobutyl-1-methylamine, BP 120°C/0.5 mmHg. C₁₀H₁₅N, λ_{max} 2.93 μ , ϵ_{max} 1.0. IR (KBr): 3.4 μ , 3.0 μ , 2.9 μ , 2.8 μ , 2.7 μ , 2.6 μ , 2.5 μ , 2.4 μ , 2.3 μ , 2.2 μ , 2.1 μ , 2.0 μ , 1.9 μ , 1.8 μ , 1.7 μ , 1.6 μ , 1.5 μ , 1.4 μ , 1.3 μ , 1.2 μ , 1.1 μ , 1.0 μ , 0.9 μ , 0.8 μ , 0.7 μ , 0.6 μ , 0.5 μ , 0.4 μ , 0.3 μ , 0.2 μ , 0.1 μ . NMR (CDCl₃): δ 1.4 (s, 3H), 2.1 (s, 3H), 2.4 (s, 3H), 2.6 (s, 3H), 2.8 (s, 3H), 3.0 (s, 3H), 3.2 (s, 3H), 3.4 (s, 3H), 3.6 (s, 3H), 3.8 (s, 3H), 4.0 (s, 3H), 4.2 (s, 3H), 4.4 (s, 3H), 4.6 (s, 3H), 4.8 (s, 3H), 5.0 (s, 3H), 5.2 (s, 3H), 5.4 (s, 3H), 5.6 (s, 3H), 5.8 (s, 3H), 6.0 (s, 3H), 6.2 (s, 3H), 6.4 (s, 3H), 6.6 (s, 3H), 6.8 (s, 3H), 7.0 (s, 3H), 7.2 (s, 3H), 7.4 (s, 3H), 7.6 (s, 3H), 7.8 (s, 3H), 8.0 (s, 3H), 8.2 (s, 3H), 8.4 (s, 3H), 8.6 (s, 3H), 8.8 (s, 3H), 9.0 (s, 3H), 9.2 (s, 3H), 9.4 (s, 3H), 9.6 (s, 3H), 9.8 (s, 3H), 10.0 (s, 3H), 10.2 (s, 3H), 10.4 (s, 3H), 10.6 (s, 3H), 10.8 (s, 3H), 11.0 (s, 3H), 11.2 (s, 3H), 11.4 (s, 3H), 11.6 (s, 3H), 11.8 (s, 3H), 12.0 (s, 3H), 12.2 (s, 3H), 12.4 (s, 3H), 12.6 (s, 3H), 12.8 (s, 3H), 13.0 (s, 3H), 13.2 (s, 3H), 13.4 (s, 3H), 13.6 (s, 3H), 13.8 (s, 3H), 14.0 (s, 3H), 14.2 (s, 3H), 14.4 (s, 3H), 14.6 (s, 3H), 14.8 (s, 3H), 15.0 (s, 3H), 15.2 (s, 3H), 15.4 (s, 3H), 15.6 (s, 3H), 15.8 (s, 3H), 16.0 (s, 3H), 16.2 (s, 3H), 16.4 (s, 3H), 16.6 (s, 3H), 16.8 (s, 3H), 17.0 (s, 3H), 17.2 (s, 3H), 17.4 (s, 3H), 17.6 (s, 3H), 17.8 (s, 3H), 18.0 (s, 3H), 18.2 (s, 3H), 18.4 (s, 3H), 18.6 (s, 3H), 18.8 (s, 3H), 19.0 (s, 3H), 19.2 (s, 3H), 19.4 (s, 3H), 19.6 (s, 3H), 19.8 (s, 3H), 20.0 (s, 3H), 20.2 (s, 3H), 20.4 (s, 3H), 20.6 (s, 3H), 20.8 (s, 3H), 21.0 (s, 3H), 21.2 (s, 3H), 21.4 (s, 3H), 21.6 (s, 3H), 21.8 (s, 3H), 22.0 (s, 3H), 22.2 (s, 3H), 22.4 (s, 3H), 22.6 (s, 3H), 22.8 (s, 3H), 23.0 (s, 3H), 23.2 (s, 3H), 23.4 (s, 3H), 23.6 (s, 3H), 23.8 (s, 3H), 24.0 (s, 3H), 24.2 (s, 3H), 24.4 (s, 3H), 24.6 (s, 3H), 24.8 (s, 3H), 25.0 (s, 3H), 25.2 (s, 3H), 25.4 (s, 3H), 25.6 (s, 3H), 25.8 (s, 3H), 26.0 (s, 3H), 26.2 (s, 3H), 26.4 (s, 3H), 26.6 (s, 3H), 26.8 (s, 3H), 27.0 (s, 3H), 27.2 (s, 3H), 27.4 (s, 3H), 27.6 (s, 3H), 27.8 (s, 3H), 28.0 (s, 3H), 28.2 (s, 3H), 28.4 (s, 3H), 28.6 (s, 3H), 28.8 (s, 3H), 29.0 (s, 3H), 29.2 (s, 3H), 29.4 (s, 3H), 29.6 (s, 3H), 29.8 (s, 3H), 30.0 (s, 3H), 30.2 (s, 3H), 30.4 (s, 3H), 30.6 (s, 3H), 30.8 (s, 3H), 31.0 (s, 3H), 31.2 (s, 3H), 31.4 (s, 3H), 31.6 (s, 3H), 31.8 (s, 3H), 32.0 (s, 3H), 32.2 (s, 3H), 32.4 (s, 3H), 32.6 (s, 3H), 32.8 (s, 3H), 33.0 (s, 3H), 33.2 (s, 3H), 33.4 (s, 3H), 33.6 (s, 3H), 33.8 (s, 3H), 34.0 (s, 3H), 34.2 (s, 3H), 34.4 (s, 3H), 34.6 (s, 3H), 34.8 (s, 3H), 35.0 (s, 3H), 35.2 (s, 3H), 35.4 (s, 3H), 35.6 (s, 3H), 35.8 (s, 3H), 36.0 (s, 3H), 36.2 (s, 3H), 36.4 (s, 3H), 36.6 (s, 3H), 36.8 (s, 3H), 37.0 (s, 3H), 37.2 (s, 3H), 37.4 (s, 3H), 37.6 (s, 3H), 37.8 (s, 3H), 38.0 (s, 3H), 38.2 (s, 3H), 38.4 (s, 3H), 38.6 (s, 3H), 38.8 (s, 3H), 39.0 (s, 3H), 39.2 (s, 3H), 39.4 (s, 3H), 39.6 (s, 3H), 39.8 (s, 3H), 40.0 (s, 3H), 40.2 (s, 3H), 40.4 (s, 3H), 40.6 (s, 3H), 40.8 (s, 3H), 41.0 (s, 3H), 41.2 (s, 3H), 41.4 (s, 3H), 41.6 (s, 3H), 41.8 (s, 3H), 42.0 (s, 3H), 42.2 (s, 3H), 42.4 (s, 3H), 42.6 (s, 3H), 42.8 (s, 3H), 43.0 (s, 3H), 43.2 (s, 3H), 43.4 (s, 3H), 43.6 (s, 3H), 43.8 (s, 3H), 44.0 (s, 3H), 44.2 (s, 3H), 44.4 (s, 3H), 44.6 (s, 3H), 44.8 (s, 3H), 45.0 (s, 3H), 45.2 (s, 3H), 45.4 (s, 3H), 45.6 (s, 3H), 45.8 (s, 3H), 46.0 (s, 3H), 46.2 (s, 3H), 46.4 (s, 3H), 46.6 (s, 3H), 46.8 (s, 3H), 47.0 (s, 3H), 47.2 (s, 3H), 47.4 (s, 3H), 47.6 (s, 3H), 47.8 (s, 3H), 48.0 (s, 3H), 48.2 (s, 3H), 48.4 (s, 3H), 48.6 (s, 3H), 48.8 (s, 3H), 49.0 (s, 3H), 49.2 (s, 3H), 49.4 (s, 3H), 49.6 (s, 3H), 49.8 (s, 3H), 50.0 (s, 3H), 50.2 (s, 3H), 50.4 (s, 3H), 50.6 (s, 3H), 50.8 (s, 3H), 51.0 (s, 3H), 51.2 (s, 3H), 51.4 (s, 3H), 51.6 (s, 3H), 51.8 (s, 3H), 52.0 (s, 3H), 52.2 (s, 3H), 52.4 (s, 3H), 52.6 (s, 3H), 52.8 (s, 3H), 53.0 (s, 3H), 53.2 (s, 3H), 53.4 (s, 3H), 53.6 (s, 3H), 53.8 (s, 3H), 54.0 (s, 3H), 54.2 (s, 3H), 54.4 (s, 3H), 54.6 (s, 3H), 54.8 (s, 3H), 55.0 (s, 3H), 55.2 (s, 3H), 55.4 (s, 3H), 55.6 (s, 3H), 55.8 (s, 3H), 56.0 (s, 3H), 56.2 (s, 3H), 56.4 (s, 3H), 56.6 (s, 3H), 56.8 (s, 3H), 57.0 (s, 3H), 57.2 (s, 3H), 57.4 (s, 3H), 57.6 (s, 3H), 57.8 (s, 3H), 58.0 (s, 3H), 58.2 (s, 3H), 58.4 (s, 3H), 58.6 (s, 3H), 58.8 (s, 3H), 59.0 (s, 3H), 59.2 (s, 3H), 59.4 (s, 3H), 59.6 (s, 3H), 59.8 (s, 3H), 60.0 (s, 3H), 60.2 (s, 3H), 60.

[illegible]N#CC1=CC=C(C=C1C2=CC=CC=C2)C3=CC=CC=C3

IN	14201-01-5	CAPLIS
CN	Acetamide, N-(4-bromo-1-methyl-1H-imidazol-2-yl)-	CA INDEI NAME



BN	14201-16-2	CAPLIS
CN	Acetamide, N-(4-chloro-1-naphthalenyl)-2-fluoro-	(CA INDEX NAME)

L16 ANSWER 89 OF 105 CAPLUS COPYRIGHT 2009 ACS on STM



LJ6 ANSWER_90 OF 105 CAPLUS COPYRIGHT 2008 ACS on STM

326-16". In the table are listed various arylazo comads. (XIV) prepd. by diazotization of the appropriate aromatic amine and coupling with the appropriate I.

17 5235-99-4P, bihylemediamine, N,N-diethyl-N'-(4-nitro-1-naphthyl)-
BL: HSP (Preparation)

62-0000000-4 CARLOS

CN Ethylenediamine, N,N -diethyl- N' -(6-nitro-1-naphthyl)- (TCl, 8Cl) (CA)

INDEX NAME)

M31...750...710...880...

$$\text{NH}-\text{CH}_2-\text{CH}_2-\text{NH}\backslash_2$$
NO₂

L16 NUMBER 96 OF 105 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1960-967 CAPLUS
IN 64 967
ORIP 64 1374-1,158a
IN Color developer
IN Acetic
IN Acetic Sol.
IN Patent
LA Unavailable
PAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PT US 2840718		19600805	US 1960-649685	19611115 --
AS	<p>A new developer for reducing the colored fogging and yielding maximum color d in of the aromatic primary amine type (substituted by H) is another NII group) and contains a heterocyclic compound HSCOM or HSC with 5,6-tetrasubstituted or pentasubstituted radical and M or E or cation (like HSCOM). Having d, and E values are given for emulsion sensitized by polyethylene glycol plates ester: with 5,6,7-trihydroxy-2-mercapto-1-phenyl-1,3,4,6-tetraazabenzene (I), 3,10 and 8,10, with 4,7-dihydroxy-2-mercapto-1,3,4,6-tetraazabenzene (II), 3,10 and 0,14; with 6-hydroxy-2-mercapto-4-methyl-1,3,4,6-tetraazabenzene (III), 3,10 and 0,17; with 4-hydroxy-2-mercaptoethyl-6-methyl-1,3,4,6-tetraazabenzene (IV), 3,10 and 0,17; with 7-mercapto-1,3,4,6-tetraazabenzene (V), 3,10 and 0,14; blank values are 3,10 and 0,17. The following compounds have also been used: 5-(2-formamidoethyl)-2-mercapto-1,3,4,6-triazole (VII), 5-formamido-1,3,4,6-tetraazabenzene (VIII), 5-mercapto-1,3,4,6-tetraazabenzene-2-vinylhydrazide (IX), 5-mercapto-1,3,4,6-tetraazabenzene-2-vinylhydrazide (X), 5-mercapto-1,3,4,6-tetraazabenzene-2-methoxybenzyl (XI), 5-(4-hydroxyphenyl)-4-methoxybenzyl (XII), (III) is prepared by adding 5 g. phenyl isothiocyanate to a solution of 7 g. 2-hydroxy-4-hydroxy-6-methylpyridine in 5 ml. of benzene and heating the mixture at room temperature for 24 hrs. Crystallization from 100 yields 5 g. of III, m. 218°. Treatment of 5-(2-formamidoethyl)-4-hydroxy-6-methyl-1,3,4,6-tetraazabenzene in boiling dilute aqueous NaOH followed by acidification and crystallization from 100 yields IV, m. 210-2°. VI is obtained from 26 g. 2-mercapto-4,5,6-trihydroxybenzene sulfide dissolved in 100 cc. 100% NaOH addition 7 g. NaOH is added to the filtered solution which is then acidified and heated for 20 hr. on steam-bath. After cooling 100% of the precipitated solid is dissolved in NaOH solution and treated with active C1 after NaOH addition, solid is washed with 100 and dried, yield of VI, m. 200° is 5 g. VI is prepared by refluxing for 5 hrs. 5 g. 5-(2-mercaptoethyl)-6-mercapto-1,3,4-triazole in 10 cc. 100% NaOH, extraction to dryness under reduced pressure (Dean-Stark), crystallization of residue with a little 100% and recrystallize from 100% NaOH yield 2 g. VI-hydrate, m. 200°. VIII, m. 200° is similarly obtained from 5,6,7-trihydroxybenzene sulfide, 100% and 100% IX is obtained by heating, for 20 hrs. on a steam bath, a mixture of 10 g. tetraazabenzene, 500 cc. 2-ethyl-4-hydroxy-6-methylpyridine in 1:1 100% precipitate digestion in 2 l. boiling 100% yield, after cooling, 210 g. 14, m. 210-2° (decolorized with infrared absorption at 710 Å. Preparation of III and XII are given in Belg. 555,754 of following abstracts)</p>			
IT 30188-78-5	Hydrazine, (4-tetrazo-1-naphthyl)-	(in color photography)		
IN 30188-78-5 CAPLUS				
CA 30188-78-5 CAPLUS	Hydrazine, (4-tetrazo-1-naphthyl)-	(CA INDEX NAME)		

H3N-NH



L16 NUMBER 96 OF 105 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
H3N-NH



L16 NUMBER 96 OF 105 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1960-61384 CAPLUS
IN 64 61384
ORIP 64 61384
IN Herbicidal products
IN Toke, Charles E.
IN B. L. du Pont de Nemours & Co.
IN Patent
LA Unavailable
PAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PT US 2725183		19610409	US 1964-613946	19650723 --
AS	Compds. useful as herbicides have the general formula $\text{Ar}-\text{N}(\text{R}^1)(\text{R}^2)$ where Ar is a univalent aromatic radical, R^1 is H or O, S, and R, R^2 and R^3 are H or different aliphatic radicals, at least one of the latter being an aliphatic radical. The 1 include substituted or unsubstituted naphthyl and biphenyl radicals. Standard reactions are used to prepare these compounds. Thus, a slight excess of Na-2N was slowly added with stirring to a solution of 25.4 parts 2-methyl-1-naphthol in 100 parts 2N. After refluxing 30 min., the mixture was cooled and essentially pure 2-(2-methyl-1-naphthyl)-1-naphthylamine, m. 210-210°, precipitated out. Application as a 1N solution killed tomato plants in 4 weeks and quick grass in 2 months. Formulations are given for water-dispersible powders, dusts, oil-water dispersible powders, water-dispersible liquid comp., and emulsions.			
IT 859756-10-4	Urea, 2-(4-chloro-1-naphthyl)-1,1-diethyl-	(for weed control)		
IN 859756-10-4 CAPLUS				
CA 859756-10-4 CAPLUS	Urea, N'-(4-chloro-1-naphthyl)-N,N-diethyl-	(CA INDEX NAME)		



L16 ANSCHUTZ 100 OF 106 CAPLUS COPYRIGHT 2009 ACS ON STN (Continued)

diethylaminoisopropylamino)-6-methylpyrimidine-2BCL n 160-1¹

6-methyl-4-(α -nitroamino)-2-[3-(3-piperidyl)propylamino]pyrimidine-2BCL n 162-5¹

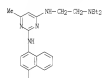
4-(6-Bromo-2-naphthylamino)-6-methylpyrimidine-2BCL n 163-1¹

superdiethylamino) pyrimidine-2BCL n 288-9¹

6-methyl-4-(α -nitroamino)-2-[3-(3-piperidyl) propylamino] pyrimidine n 174-5¹ (di-BCL salt, n 277-9¹)

2-Substituted

6-(6-methyl-4-pyrimidinamino)benzenitriles (3-diethylaminoisopropylamino)-2BCL n 224-6¹; (3-diethylaminoisopropylamino)-2BCL n 307-8¹; (3-diethylaminoisopropylamino) (di-BCL salt, n 274-5¹) and its

[illegible][illegible]


```

=> => d que 123 stat
L17      17 SEA FILE=CAPLUS ABB=ON PLU=ON "CADILLA RODOLFO"/AU
L18      12 SEA FILE=CAPLUS ABB=ON PLU=ON ("LARKIN ANDREW"/AU OR "LARKIN
        ANDREW L"/AU OR "LARKIN ANDREW LAMONT"/AU)
L19      48 SEA FILE=CAPLUS ABB=ON PLU=ON ("STEWART EUGENE"/AU OR
        "STEWART EUGENE L"/AU OR "STEWART EUGENE LEE"/AU)
L20      17 SEA FILE=CAPLUS ABB=ON PLU=ON ("TRUMP RYAN P"/AU OR "TRUMP
        RYAN PAUL"/AU)
L21      33 SEA FILE=CAPLUS ABB=ON PLU=ON ("TURNBULL PHILIP"/AU OR
        "TURNBULL PHILIP S"/AU OR "TURNBULL PHILIP STEWART"/AU OR
        "TURNBULL PHILLIP STEWART"/AU)
L22      95 SEA FILE=CAPLUS ABB=ON PLU=ON L17 OR L18 OR L19 OR L20 OR
        L21
L23      15 SEA FILE=CAPLUS ABB=ON PLU=ON L22 AND ?NAPHTH?

```

```

=> d 1-15 bib abs

```


123 NUMBER 9 OF 16 CAPULE COPYRIGHT 2006 ACS ON STM (Continued)
receptor binding by 24 related cations, are reported. Although the methods of
preps. are not detailed, 17 of the 24 targets and 18 of the 24 ligands
are included.
RE.ONT 2 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE REF. INDEX

123 NUMBER 10 OF 16 CAPULE COPYRIGHT 2006 ACS ON STM
AN 1996-65135S CAPULE
IN 130-20064
TI Synthesis and Evaluation of a Carbocyclic Analog of the CC-1065 and
Benzoxene Alkylation Substrates. Role of the Virginsene Amide and
Implications on DNA Alkylation Catalysts
AU Berger, Dale J.; Turnbull, Philip
CU Department of Chemistry, The Scripps Research Institute, La Jolla, CA,
92037, USA
JO Journal of Organic Chemistry (1996), 61(21), 8000-8001
CODEN JOCHDH 1996 0002-5367
PB American Chemical Society
PT Journal
LA English
GB CASREACT 130-24884
OI



AS The synthesis and chemical properties of 1,2,3,4a-tetrahydro-1H-
cyclopogon[1,2-b:4-c']indole-4-one (I; $R = CH_3$), a carbocyclic C-ring analog
of the alkylation substrates of CC-1065 and the benzoxene, are detailed.
The core structure of I ($R = CH_3$) was prepared with an intramolecular Heck
reaction for assembly of the key arylidic skeleton and a final Wittig
Ar-2' epoxidation to install the reactive cyclopropane. A study of the
solvolysis reactivity of I ($R = CH_3$), regioselectivity, and mechanism
revealed that removal of the nitrogen and resulting virginsene amide
stabilization increased the reactivity 2000-fold (pH 5) and reversed the
inherent regioselectivity, but did not alter the S_N2 reaction mechanism.
Thus, the virginsene amide found in the naturally occurring alkylation
substrates is responsible for their unusual stability and significantly
impacts the regioselectivity without altering the inherent S_N2 mechanism
of nucleophilic addition. More importantly, this solvolysis reactivity proved
independent of pH throughout the range of 4-12 including the physical
pH range of 5.5-6.5 where I ($R = NO_2$, NNOCH₃) is completely stable.
Rate constants of 0.002-10.000 s⁻¹ at pH 4 and 4.7-25.0 s⁻¹ at pH 5-6
for the resp. acid-catalyzed and uncatalyzed reactions were established,
and the uncatalyzed reaction dominated at pH ≥ 6. These
observations have important implications on the source of catalysis for
the CC-1065/dexamycin DNA alkylation reaction supporting the recent
proposal that it is not derived from acid catalysis and C-6 carbonyl
protonation but rather a DNA binding-induced conformational change that
disrupts the cross-conjugated virginsene amide stabilization.
RE.ONT 90 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE REF. INDEX

123 NUMBER 11 OF 16 CAPULE COPYRIGHT 2006 ACS ON STM
AN 1997-03966S CAPULE
IN 137-10656S
TI Synthesis and Evaluation of CC-1065 and Benzoxene Analogs Incorporating
the 1,2,3,4,11,11a-Hexahydrocyclopogon[1,2-b:4-c']indole-4-one (NNO)
Alkylation Substrates. Structural Features that Govern Reactivity and Reaction Regioselectivity
AU Berger, Dale J.; Turnbull, Philip
CU Department of Chemistry, The Scripps Research Institute, La Jolla, CA, 92037,
USA
JO Journal of Organic Chemistry (1997), 62(17), 5949-5960
CODEN JOCHDH 1997 0002-5367
PB American Chemical Society
PT Journal
LA English
GB CASREACT 137-10656S
OI
AS The synthesis of 1,2,3,4,11,11a-hexahydrocyclopogon[1,2-b:4-c']indole-4-one (NNO) (I), a seven-membered C-ring analog of the
alkylation substrates of CC-1065 and the dexamycin, is detailed. The
core structure of I was prepared through the implementation of an intramolecular
Heck reaction for assembly of the key arylidic
tetrahydrocyclopogon[1,2-b:4-c']indole skeleton and a final Wittig
Ar-2' epoxidation for installation of the reactive cyclopropane. A
study of the solvolysis reactivity of NNO-CH₃ revealed that
incorporation of the seven-membered fused C-ring system increased the
reactivity 6000-fold compared to the corresponding five-membered C-ring
analog. Solvolysis occurs with S_N2 nucleophilic attack on the more
substituted carbon of the activated cyclopropane to afford exclusively the
anomeric, fine enantiomer product in a reaction that was shown to proceed
with complete inversion of configuration at the reaction center. Single
crystal X-ray structure analyses of NNO-CH₃-OMe (II) and I and their
conformations with X-ray structures of the corresponding five- and
six-membered C-ring analogs revealed the structural origins of the
solvolysis regioselectivity and reactivity. The regioselectivity may be
attributed to the stereoelectronic alignment of the two available
cyclopropane bonds with the cyclohexanone oxygen which fix II
resides with the bond that extends to the more substituted orthoalkoxy
carbon. The increased reactivity may be due in part to the geometric
alignment of the cyclopropane bond more significantly is limited to a twist
in the NNO amide. (Textual) provides documentation of the disruption to
the virginsene amide stabilization as measured by a lengthening of the
diagonally C-6 bond that accompanies the twist in the 11-6 dihedral
angle of the NNO amide. As the cross-conjugated virginsene amide
stabilization is diminished, the cyclopropane conformation, bond lengths,
and resulting reactivity increase. The unusual stability of the
five-membered C-ring bearing alkylation substrates characteristic of the
natural products is intimately linked to the extent of this virginsene
amide stabilization, and the studies support the proposal that catalysis for
the DNA alkylation reaction may be due to a DNA binding-induced
conformational change in the agents which serves to twist the linking NNO
amide, disrupting the virginsene amide stabilization, and activating the
agents for S_N2 nucleophilic attack.

123 NUMBER 12 OF 16 CAPULE COPYRIGHT 2006 ACS ON STM
AN 1996-19105S CAPULE
IN 134-13697S
TI Rearrangement of 2-Benzyloxycyclohexanones. Synthesis of Highly Substituted
Annotated Purines
AU Turnbull, Philip; Bellman, Matthew J.; Moore, Harold J.
CU Department of Chemistry, University of California, Irvine, CA, 92717, USA
JO Journal of Organic Chemistry (1996), 61(8), 2584-6
CODEN JOCHDH 1996 0002-5367
PB American Chemical Society
PT Journal
LA English
GB CASREACT 134-13697S
OI
AS The thermalolysis of 2-(1,3-dienyl)alkoxycyclohexanones and
2-(aryloxy)cyclohexanones gave phenols, naphthalenes
and substituted furan derivatives. The starting materials were
3-(1-methoxyethoxy)-4-(phenylethoxy)-2-cyclohexenyl-2-dione and
3-(1-methoxyethoxy)-4-(phenylethoxy)-3-cyclohexenyl-2-dione and
3-(1-methoxy)-4-(1-methylethoxy)-2-cyclohexenyl-2-dione. For example,
thermalolysis and rearrangement and cyclization of (2)-(3-(4-methyl-4-hydroxy-
2-(2-(phenylethoxy)-2-cyclohexenyl)-2-oxo-2-ethyl-1,3-oxadiazol-5-yl)-1,3-buten-1-yl)furan. The cyclization of (2)-(2-(benzyl-3-ethyl-1,3-oxadiazol-5-yl)-4-hydroxy-1,3-buten-1-yl)furan gave 4-benzyl-3,4,4'-
trimethylbenzenes.

L23 ANKER 13 OF 15 CAPLID: COPYRIGHT 2006 ACS on STM
AN 1996-519602 CAPLID:
IN 122-192602

QREP 122-56016a,56016a

TI Regioselective Synthesis of 3-Alkyl-4-alkoxy-6-aryl-1,2,4,5-tetrahydronaphthalenes and Their Subsequent Electrocyclization to Naphthalenes

AA Turskii, Philip Moore, Harold W

CS Department of Chemistry, University of California, Irvine, CA, 92717, USA

SO Journal of Organic Chemistry (1996), 60(11), 3774-6

QGEN JOCAM, ISSN 0022-0263

PS American Chemical Society

JA Journal

LA English

AB CACHEACT 122-56466

Upon treatment with lithium reagents some 2-alkynyl-3-alkoxy-4-aryl-1,2,4,5-tetrahydronaphthalenes undergo regioselective ring opening and form stable 2-aryl-4-alkoxy-6-aryl-1,2,4,5-tetrahydronaphthalenes. Heating of the latter gave highly substituted naphthalenes.

L23 ANKER 14 OF 15 CAPLID: COPYRIGHT 2006 ACS on STM
AN 1996-551439 CAPLID:
IN 122-192602

QREP 122-34585a,34586a

TI Regioselective Synthesis of Highly Substituted Naphthalenes

AA Turskii, Philip Moore, Harold W

CS Department of Chemistry, University of California, Irvine, CA, 92717, USA

SO Journal of Organic Chemistry (1996), 60(11), 3774-6

QGEN JOCAM, ISSN 0022-0263

PS American Chemical Society

JA Journal

LA English

AB CACHEACT 122-34700b

CI



AB 2,3,4-Trisubstituted 4-hydroxy-2-cyclohexenones, e.g., I, prepared by regioselective reduction of substituted cyclohexenediones, undergo Lewis acid facilitated isomerization to cyclohexenyl cations, which are trapped by trialkylamines in a regioselective sense. Thermolysis of the resulting cyclohexenones affords phenols, e.g., naphthal II, in high yields.

L23 ANKER 15 OF 15 CAPLID: COPYRIGHT 2006 ACS on STM
AN 1996-50599b CAPLID:
IN 122-192602

QREP 122-56466a,56472a

TI Concerning the Mechanism of the Hucker Oxidation

AA Lee, Ewan Turskii, Philip Moore, Harold W

CS Department of Chemistry, University of California, Irvine, CA, 92717, USA

SO Journal of Organic Chemistry (1996), 60(11), 460-4

QGEN JOCAM, ISSN 0022-0263

PS American Chemical Society

JA Journal

LA English

AB CACHEACT 122-36960b

The mechanism of the rearrangement of 2-[1-¹³C]ethyl-3-hydroxy-5,7-dimethoxy-1,4-naphthoquinone (I) to 3-[¹³C]methyl-2-hydroxy-5,7-dimethoxy-1,4-naphthoquinone (II) (Hucker oxidation) was investigated. ¹³C-NMR studies of the starting naphthoquinone and the lower homolog product showed the enched C-atom to be sp² hybridized in I and sp³ hybridized in II. These data agree with the mechanism of the Hucker oxidation originally proposed 50 yr ago by Fieser and Plesser.

=> d his full

(FILE 'HOME' ENTERED AT 10:48:29 ON 07 OCT 2008)

FILE 'REGISTRY' ENTERED AT 10:48:44 ON 07 OCT 2008

```

L1      STRUCTURE UPLOADED
        D
L2      13 SEA SSS SAM L1
L3      875 SEA SSS FUL L1
        D QUE L3 STAT
L4      537 SEA ABB=ON PLU=ON L3 AND ED<06/09/2004
L5      587 SEA ABB=ON PLU=ON L3 AND REF, CAPLUS<=6
L6      288 SEA ABB=ON PLU=ON L3 NOT L5
L*** DEL 2 S LL6 AND ED<06/09/2004
        D 1-2 IDE CAN
L7      115 SEA ABB=ON PLU=ON L6 AND ED<06/09/2004
        D 1-115 IDE CAN

```

FILE 'CAPLUS' ENTERED AT 10:57:25 ON 07 OCT 2008

```

L8      931 SEA ABB=ON PLU=ON L3
L9      765 SEA ABB=ON PLU=ON L8 AND PY<2004
L10     438 SEA ABB=ON PLU=ON L5
L11     369 SEA ABB=ON PLU=ON L10 AND PY<2005
L12     347 SEA ABB=ON PLU=ON L11 AND PY<2004
        D 300-325 BIB ABS HITSTR
L13     79 SEA ABB=ON PLU=ON L12 AND THU/RL
        D 1-79 BIB ABS HITSTR
L14     22 SEA ABB=ON PLU=ON L11 NOT L12
        D 1-22 BIB ABS HITSTR
L15     268 SEA ABB=ON PLU=ON L12 NOT L13

```

DICTIONARY FILE UPDATES: 6 OCT 2008 HIGHEST RN 1057750-28-3

New CAS Information Use Policies, enter **HELP USAGETERMS** for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

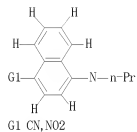
<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE CAPLUS

Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN. Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

10/560,017 10/08/2008

Page 159



Structure attributes must be viewed using STN Express query preparation.
L25 6 SEA FILE-REGISTRY SUB-L3 SSS FUL L24

100.0% PROCESSED 81 ITERATIONS
SEARCH TIME: 00.00.01

6 ANSWERS

=> d 1-6 ide can

L25 ANKER 1 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 00700-79-2 REGISTRY
 SD Entered STN: 29 Mar 2007
 CN 1-Naphthalenecarbonitrile, 4-(diisopropylamino)- (CA INDEX NAME)
 MF C17 H21 N3
 SR CA
 LC STN Files: CA, CAPLUS



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 146-2876-0

L25 ANKER 2 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 013430-50-1 REGISTRY
 SD Entered STN: 18 Jan 2006
 CN 1-Naphthalenecarbonitrile, 4-[propyl(2,2,2-trifluoroethyl)amino]- (CA INDEX NAME)
 MF C16 H15 F3 N2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTRAL, USPATFULL



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 142-7456-2

L25 ANKER 3 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 013430-06-9 REGISTRY
 SD Entered STN: 18 Jan 2006
 CN 1-Naphthalenecarbonitrile, 4-(isopropylamino)- (CA INDEX NAME)
 MF C14 H14 N2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTRAL, USPATFULL



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 142-7456-2

L25 ANKER 4 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
 BN 013430-06-7 REGISTRY
 SD Entered STN: 18 Jan 2006
 CN 1-Naphthalenecarbonitrile, 4-[(cyclopropylmethyl)propylamino]- (CA INDEX NAME)
 MF C18 H20 N2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTRAL, USPATFULL



***PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT**

2 REFERENCES IN FILE CA (1967 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 146-2876-0

REFERENCE 2: 142-7456-2

L25 ANCHOR 6 OF 6 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 813429-01-2 REGISTRY
 SD Entered STM 15 Jan 2006
 CN 1-Naphthalenamine, 4-nitro-N-propyl- (CA INDEX NAME)
 MF C16 H20 N2 O2
 SR CA
 LC STM Files CA, CAPLIS, TOXCENTRAL, USFATPULL



***PROPERTY DATA AVAILABLE IN THE "FROM" FORMAT**

2 REFERENCES IN FILE CA (1960 TO DATE)
 2 REFERENCES IN FILE CAPLIS (1960 TO DATE)

REFERENCE 1: 146-267643

REFERENCE 2: 142174562

L25 ANCHOR 6 OF 6 REGISTRY COPYRIGHT 2006 ACS on STM
 BN 813429-50-1 REGISTRY
 SD Entered STM 15 Jan 2006
 CN 1-Naphthalenamine, N-(propylpropylmethyl)-4-nitro-N-propyl- (CA INDEX NAME)
 MF C17 H20 N2 O2
 SR CA
 LC STM Files CA, CAPLIS, TOXCENTRAL, USFATPULL



***PROPERTY DATA AVAILABLE IN THE "FROM" FORMAT**

2 REFERENCES IN FILE CA (1960 TO DATE)
 2 REFERENCES IN FILE CAPLIS (1960 TO DATE)

REFERENCE 1: 146-267643

REFERENCE 2: 142174562

=> fil capl
FILE 'CAPLUS' ENTERED AT 11:25:33 ON 07 OCT 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 7 Oct 2008 VOL 149 ISS 15
FILE LAST UPDATED: 6 Oct 2008 (20081006/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>
'FIONA' IS DEFAULT FORMAT FOR 'CAPLUS' FILE

=> s l25
L26 2 L25

=> d 1-2 bib abs hitstr

L26 NUMBER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STM
AK 2006-124206-4 CAPLUS

IN 146-27943

T1 Design and Synthesis of an Array of Selective Androgen Receptor Modulators

AS Trom, Ron F.; Blaw, Jean-Baptiste B.; Stewart, Eugene L.; Brown, Peter J.; Cavum, Michael; Gray, David W.; Hobata, William J.; Wilson, Timothy F.; Wu, Kevin; Tumbarello, Philip

CS GlaxoSmithKline, Research Triangle Park, NC, 27709, USA

SO Journal of Combinatorial Chemistry 2007, 9(1), 100-114

PS ORGN: JCCPP; ISSN: 1520-0066

FS American Chemical Society

DI

AS

We describe the design, using white comparison and fast docking computer algorithm, and rapid parallel synthesis of a 1000-member array based on ACT779, a 6-androstene-3-one androgen receptor (AR) antagonist identified by focused screening of the GSK compound collection. The array yielded 500 monomolecular and 17 dimeric AR agonists as measured by a cell-based reporter gene functional assay. The rapid synthesis of a large number of active compounds provided valuable information in the optimization of AR modulators, which may be useful in treating androgen deficiency in some males.

IT 812430-00-01 CAPLUS

IN 812430-00-01

CS, PAC (Pharmacological activity): SPN (Synthetic preparation); THD (Therapeutic use); SOL (Solubility study); PREP (Preparation); USES (Uses)

(Design and Synthesis of an Array of Selective Androgen Receptor Modulators)

FS 812430-00-01 CAPLUS

IN 1-Naphthalenamine, N-(cyclopropylmethyl)-6-nitro-N-propyl- (CA INDEX NAME)

DI

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

L26 NUMBER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STM (Continued)

IN 1-Naphthalenecarbonitrile, 4-[(cyclopropylmethyl)propylamino]- (CA INDEX NAME)

DI

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

AS

126 NUMBER 3 OF 3 CAPLIS COPYRIGHT 2006 ACS on STN (continued)

IN 013420-20-5 CAPLIS

ON 1-Phosphatococcarboxitrin, 4-[propyl(2,2-trifluoroethyl)amino]- (CA
INDEX NAME)



=> d his full

(FILE 'HOME' ENTERED AT 10:48:29 ON 07 OCT 2008)

FILE 'REGISTRY' ENTERED AT 10:48:44 ON 07 OCT 2008
 L1 STRUCTURE UPLOADED
 D
 L2 13 SEA SSS SAM L1
 L3 875 SEA SSS FUL L1
 D QUE L3 STAT
 L4 537 SEA ABB-ON PLU=ON L3 AND ED<06/09/2004
 L5 587 SEA ABB-ON PLU=ON L3 AND REF.CAPLUS<=6
 L6 288 SEA ABB-ON PLU=ON L3 NOT L5
 L*** DEL 2 S LL6 AND ED<06/09/2004
 D 1-2 IDE CAN
 L7 115 SEA ABB-ON PLU=ON L6 AND ED<06/09/2004
 D 1-115 IDE CAN

FILE 'CAPLUS' ENTERED AT 10:57:25 ON 07 OCT 2008
 L8 931 SEA ABB-ON PLU=ON L3
 L9 765 SEA ABB-ON PLU=ON L8 AND PY<2004
 L10 438 SEA ABB-ON PLU=ON L5
 L11 369 SEA ABB-ON PLU=ON L10 AND PY<2005
 L12 347 SEA ABB-ON PLU=ON L11 AND PY<2004
 D 300-325 BIB ABS HITSTR
 L13 79 SEA ABB-ON PLU=ON L12 AND THU/RL
 D 1-79 BIB ABS HITSTR
 L14 22 SEA ABB-ON PLU=ON L11 NOT L12
 D 1-22 BIB ABS HITSTR
 L15 268 SEA ABB-ON PLU=ON L12 NOT L13
 L16 105 SEA ABB-ON PLU=ON L15 AND PATENT/DT
 D 1-105 BIB ABS HITSTR
 E CADILLA RODOLFO/AU
 L17 17 SEA ABB-ON PLU=ON "CADILLA RODOLFO"/AU
 E LARKIN ANDREW/AU
 L18 12 SEA ABB-ON PLU=ON ("LARKIN ANDREW"/AU OR "LARKIN ANDREW
 L"/AU OR "LARKIN ANDREW LAMONT"/AU)
 E STEWART EUGENE/AU
 L19 48 SEA ABB-ON PLU=ON ("STEWART EUGENE"/AU OR "STEWART EUGENE
 L"/AU OR "STEWART EUGENE LEE"/AU)
 E TRUMP RYAN/AU
 L20 17 SEA ABB-ON PLU=ON ("TRUMP RYAN P"/AU OR "TRUMP RYAN PAUL"/AU)
 E TURNBULL PHILIP/AU
 L21 33 SEA ABB-ON PLU=ON ("TURNBULL PHILIP"/AU OR "TURNBULL PHILIP
 S"/AU OR "TURNBULL PHILIP STEWART"/AU OR "TURNBULL PHILLIP
 STEWART"/AU)
 L22 95 SEA ABB-ON PLU=ON L17 OR L18 OR L19 OR L20 OR L21
 L23 15 SEA ABB-ON PLU=ON L22 AND ?NAPHTH?
 D QUE L23 STAT
 D 1-15 BIB ABS

FILE 'REGISTRY' ENTERED AT 11:23:55 ON 07 OCT 2008
 L24 STRUCTURE UPLOADED
 D
 L25 6 SEA SUB=L3 SSS FUL L24
 D QUE L25 STAT
 D 1-6 IDE CAN

FILE 'CAPLUS' ENTERED AT 11:25:33 ON 07 OCT 2008

L26 2 SEA ABB-ON PLU=ON L25
D 1-2 BIB ABS HITSTR

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 OCT 2008 HIGHEST RN 1057750-28-3

DICTIONARY FILE UPDATES: 6 OCT 2008 HIGHEST RN 1057750-28-3

New CAS Information Use Policies, enter **HELP** USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

FILE CAPLUS

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 7 Oct 2008 VOL 149 ISS 15

FILE LAST UPDATED: 6 Oct 2008 (20081006/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
11.38	1877.62

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.60	-199.20

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 11:26:17 ON 07 OCT 2008

